

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Moutray SWD
Incident # NAPP2203540352
Eddy County, New Mexico
Unit A Sec 28 T24S R29E
32.195298°, -103.983931°

Produced Water Release
Point of Release: Wing valve on the wellhead.
Release Date: 02/02/2022
Volume Released: 100 barrels of Produced Water
Volume Recovered: 75 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
NGL Energy Partners, LLC
865 North Albion Street
Denver, CO 80220

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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September 15, 2022

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

Re: Closure Report
Moutray SWD
NGL Water Solutions Permian, LLC
Incident # NAPP2203540352
Site Location: Unit A, S28, T24S, R29E
(Lat 32.195298°, Long -103.983931°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of NGL Energy Partners (NGL), Carmona Resource, LLC has prepared this letter to document site assessment activities for the Moutray SWD. The site is located at the GPS 32.195298°, -103.983931° within Unit A S28, T24S, R29E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 2, 2022, caused by a wing valve on the wellhead. It resulted in the release of approximately fifty (50) barrels of produced water, and forty-five (45) barrels were recovered. The impacted area was on the pad and pasture, as shown in Figure 3. The initial C-141 form is attached in Appendix C.

On July 14, 2022, a work plan was approved for confirmation floor and sidewall samples to be collected every 400 square feet. See 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 1.02 miles Northwest of the site in S20, T24S, R29E and was drilled in 1975. The well has a reported depth to groundwater of 65.10' 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: 100mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

4.0 Site Assessment Activities

Pad Area

On March 29, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of twelve (12) trenches were advanced to depths ranging from the surface to 4' bgs inside the release area to evaluate the vertical extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical delineation was achieved for all areas. The sampling results are summarized in Table 1 and can be seen in Figure 3 for the sample locations.

Pasture Area

A total of four (4) sample points were advanced to depths ranging from the surface to 4' bgs inside the release area to evaluate the vertical 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.

The sampling results are summarized in Table 1 and can be seen in Figure 3 for the sample locations.

Horizontal Delineation

The areas of H-1 through H-12 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite from August 15, 2022, through August 30, 2022, to supervise the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOC division office was notified via email on August 22, per Subsection D of 19.15.29.12 NMAC. See Appendix C. All areas were excavated to the proper depths to remove all impacted soils. A total of one hundred and four (104) confirmation floor samples were collected (CS-1 through CS-104), and forty-four (44) sidewall samples (SW-1 through SW-44) were collected every 400 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sampling results are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.



All final confirmation samples were below the respective reclamation and RRALs requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 5,240 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

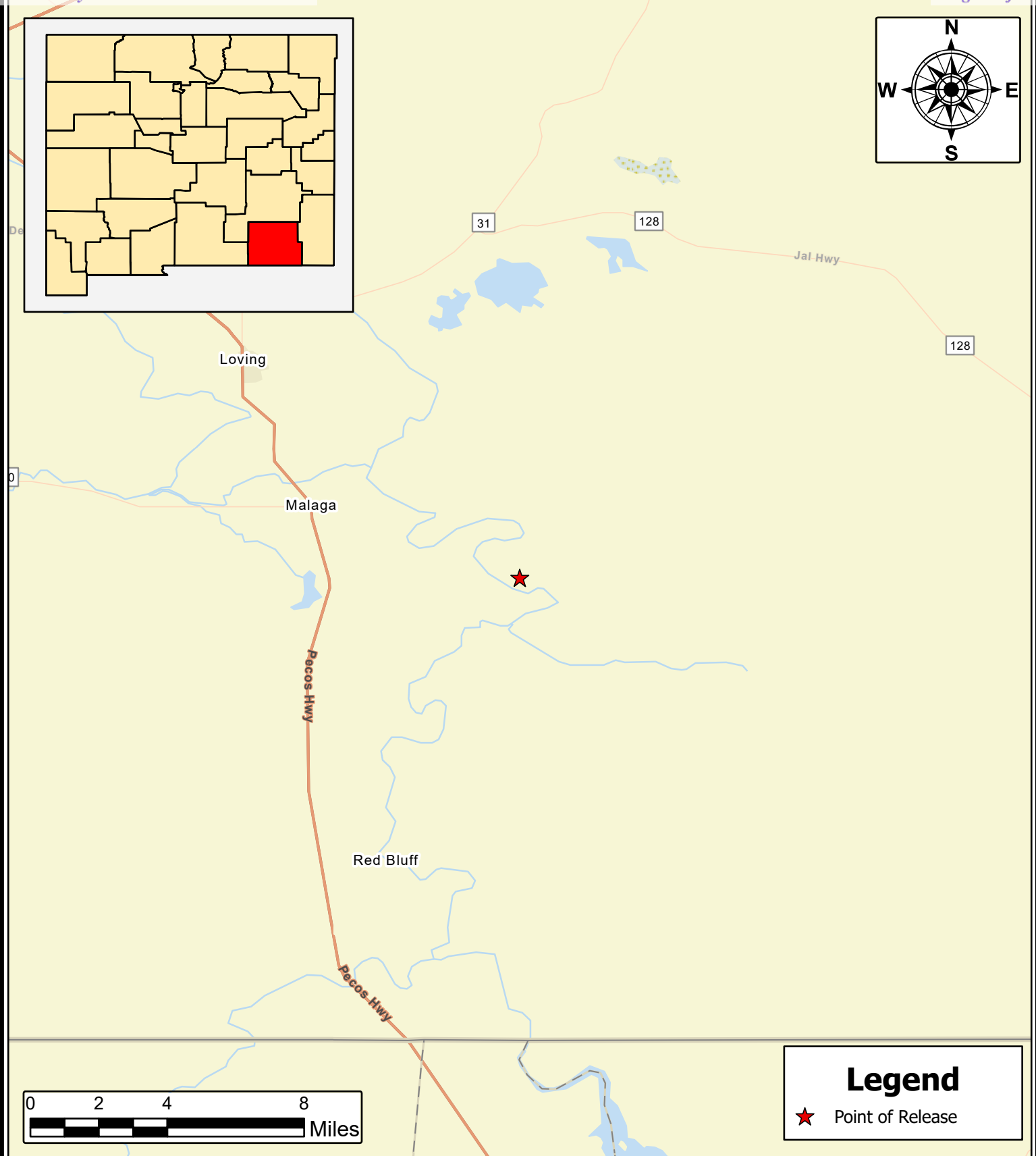
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



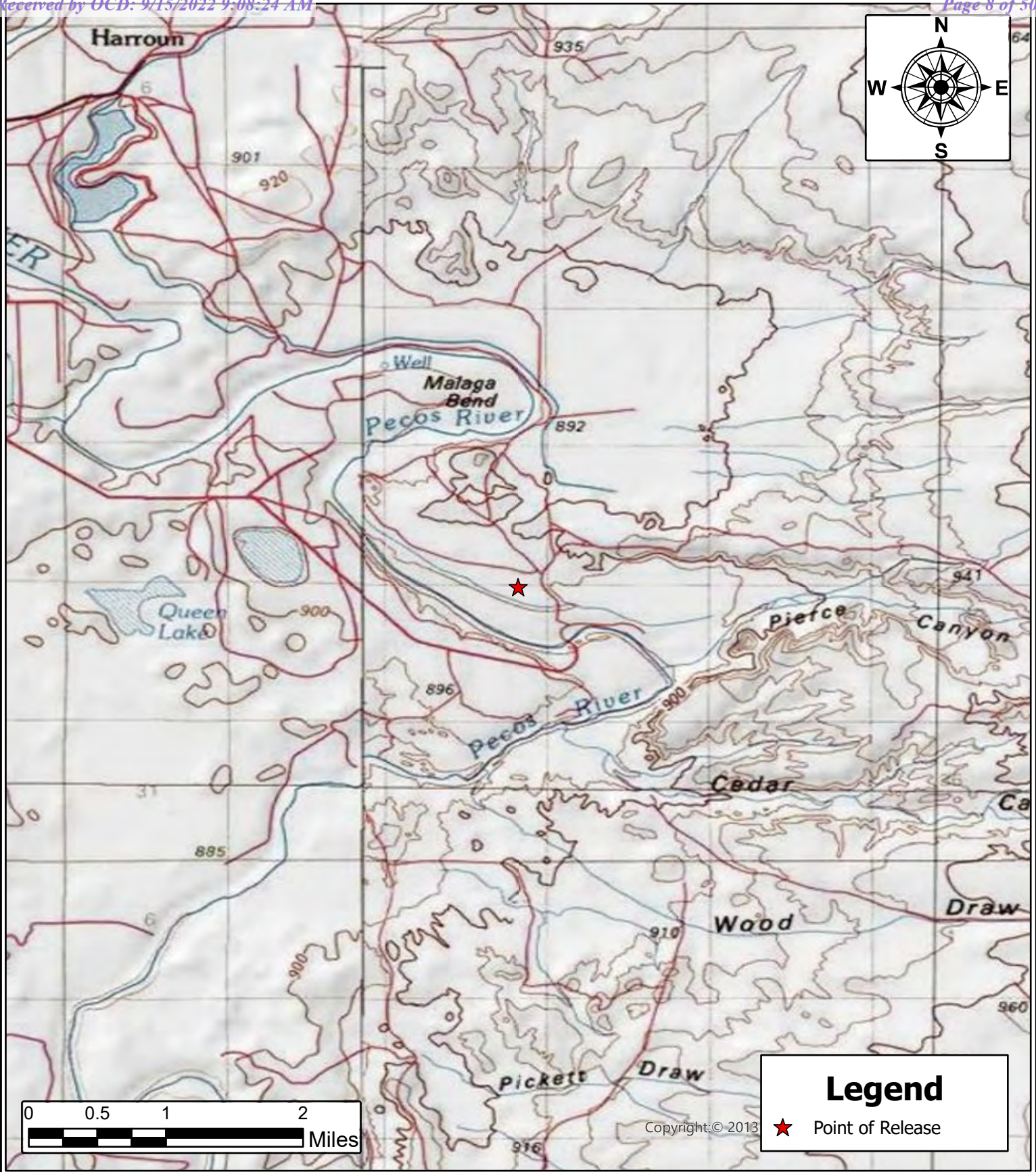


OVERVIEW MAP NGL ENERGY PARTNERS MOUTRAY SWD EDDY COUNTY, NEW MEXICO 32.195298 -103.983931	
SCALE: As Shown	Date: 4/18/2022

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

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

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1

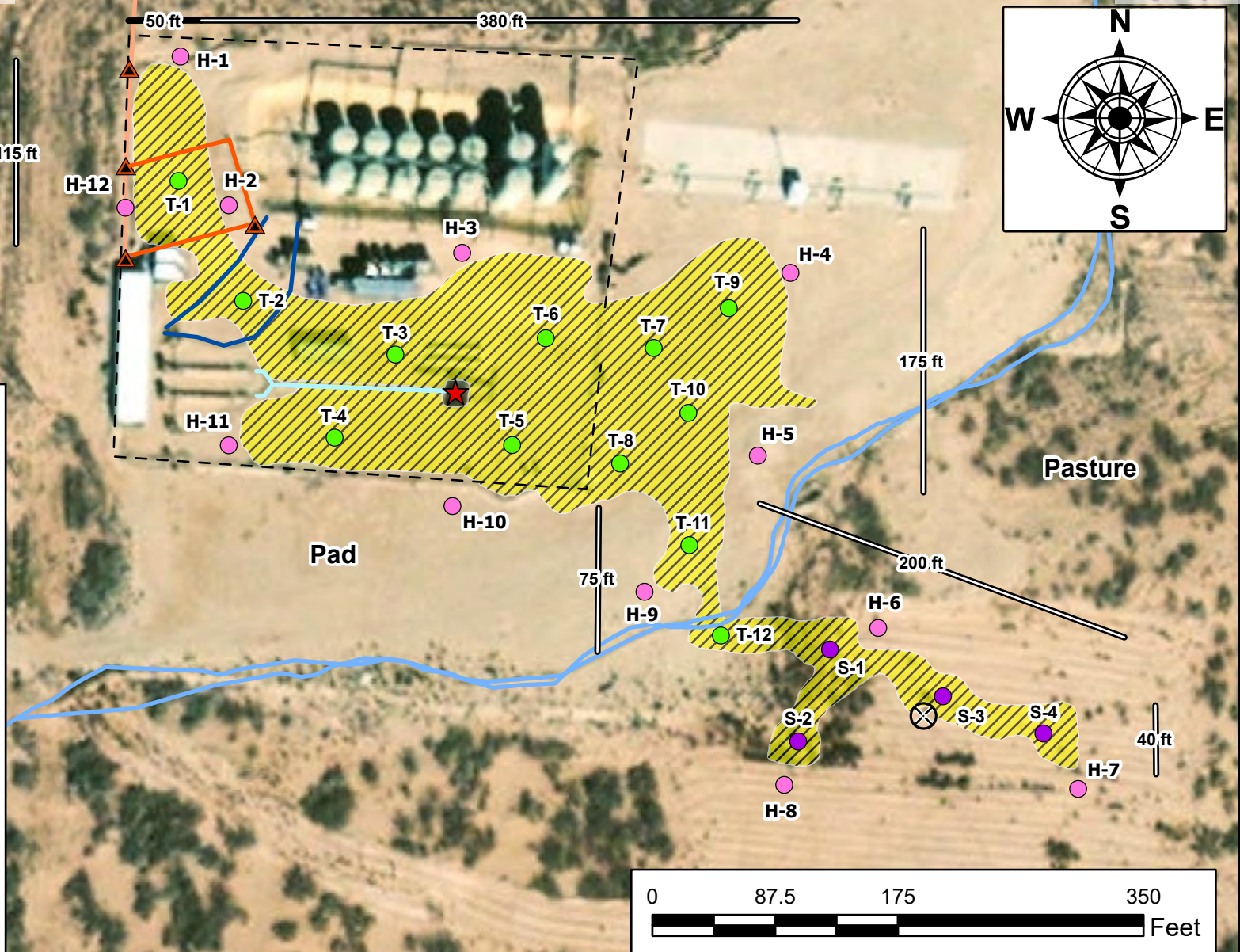


TOPOGRAPHIC MAP NGL ENERGY PARTNERS MOUTRAY SWD EDDY COUNTY, NEW MEXICO 32.195298 -103.983931	
SCALE: As Shown	Date: 4/18/2022

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

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

DRAWING NUMBER: FIGURE 2
SHEET NUMBER: 1 of 1



SAMPLE LOCATION MAP
NGL ENERGY PARTNERS
 MOUTRAY SWD
 EDDY COUNTY, NEW MEXICO
 32.195298 -103.983931



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

NOTES:

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

SCALE: As Shown

Date: 5/1/2022



EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 MOUTRAY SWD
 EDDY COUNTY, NEW MEXICO
 32.195298 -103.983931



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

NOTES:

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

DRAWING NUMBER:

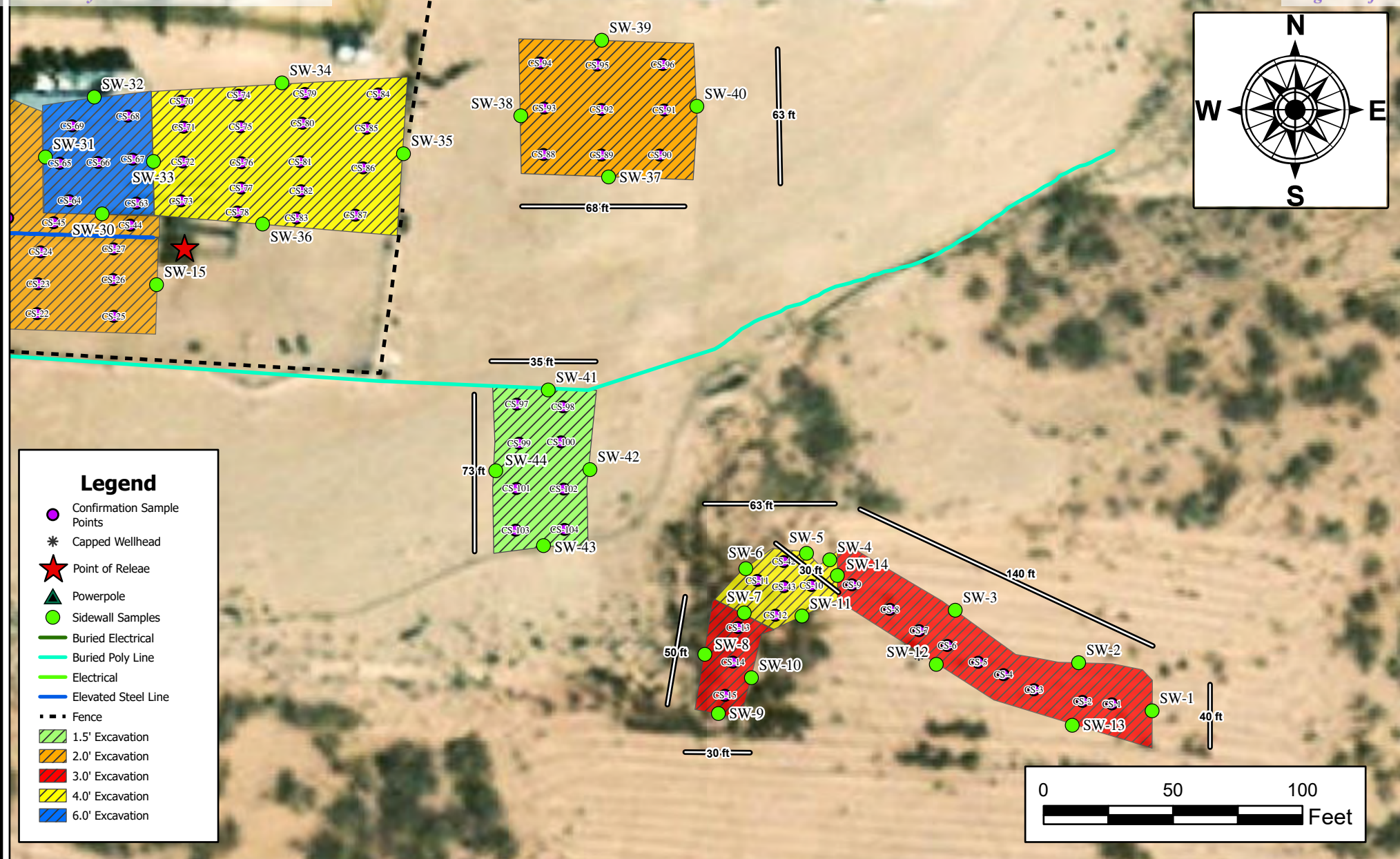
FIGURE 4

SHEET NUMBER:

1 of 2

SCALE: As Shown

Date: 9/12/2022



SCALE: As Shown

Date: 9/12/2022

APPENDIX A

CARMONA RESOURCES



Table 1
NGL Water Solutions Permian
Moutray SWD Release
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
Pad Area												
T-1	3/29/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,380
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,620
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,690
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	80.5
T-2	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	650
	"	1.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	678
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	319
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	212
"	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	97.7
T-3	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	416
	"	1.0	<49.9	<49.9	<49.9	<49.9	0.00314	<0.00200	0.00286	<0.00400	0.00600	332
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	323
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	548
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	731
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	922
"	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00399	<0.00399	14.4	
T-4	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,340
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	692
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	64.0
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	56.5
T-5	3/29/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	0.00752	0.00752	275
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	238
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	151
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
"	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00399	<0.00399	249	
T-6	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	255
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	273
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	223
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	629
"	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	222
T-7	3/29/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	571
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	328
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	352
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	11.3
T-8	3/29/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	112
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	147
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.0
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.0
T-9	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	720
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	1,000
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.7
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	32.9
T-10	3/29/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.4
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	39.8
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	56.3
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	79.5
T-11	3/29/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,120
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	232
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	28.9
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	30.0
T-12	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	0.0239	0.1290	0.1520	37.2
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	0.00446	0.0336	0.0381	26.9
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	77.0
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	48.9
Regulatory Criteria ^A												
(-) Not Analyzed												
^A - Table 1 - 19.15.29 NMAC												
mg/kg - milligram per kilogram												
TPH- Total Petroleum Hydrocarbons												
ft-feet												
T- Trench												
- Removed												

Table 1
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
Pasture												
S-1	3/29/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,800
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,490
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,280
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,100
S-2	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,340
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,040
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	884
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	245
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	102
S-3	3/29/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,920
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,960
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	230
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	97.3
S-4	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	306
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,460
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,180
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	276.0
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

S - Sample Point

 - Removed

Table 1
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
H-1	3/29/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	39.7
H-2	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	57.3
H-3	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	66.8
H-4	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	142.0
H-5	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	265
H-6	3/29/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	0.00201	<0.00201	<0.00402	<0.00402	57.6
H-7	3/29/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.1
H-8	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	111.0
H-9	3/29/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	69.1
H-10	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	52.4
H-11	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	73.9
H-12	3/29/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	63.6
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

H - Horizontal

Table 2
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
CS-1	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
CS-2	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	252
CS-3	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	244
CS-4	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	116
CS-5	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	87.3
CS-6	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	201
CS-7	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	242
CS-8	8/24/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	124
CS-9	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1.91
CS-10	8/24/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1.22
CS-11	8/24/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	117
CS-12	8/24/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	166
CS-13	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	122
CS-14	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	132
CS-15	8/24/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	303
CS-16	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	167
CS-17	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	112
CS-18	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	63.9
CS-19	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	25.6
CS-20	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	26.7
CS-21	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.6
CS-22	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	46.6
CS-23	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	254
CS-24	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	278
CS-25	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	42.3
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
CS-26	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	32.6
CS-27	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	187
CS-28	8/24/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	67.2
CS-29	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	105
CS-30	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	54.3
CS-31	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	252
CS-32	8/24/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	309
CS-33	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	129
CS-34	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
CS-35	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	148
CS-36	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	170
CS-37	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	166
CS-38	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	166
CS-39	8/24/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	233
CS-40	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	242
CS-41	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	200
CS-42	8/24/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	223
CS-43	8/24/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	202
CS-44	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	66.4
CS-45	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	157
CS-46	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	83.8
CS-47	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110
CS-48	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	148
CS-49	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	83.8
CS-50	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	139
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
CS-51	8/25/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.6
CS-52	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.3
CS-53	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	139
CS-54	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	40.6
CS-55	8/25/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.8
CS-56	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	46.3
CS-57	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.7
CS-58	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	151
CS-59	8/25/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	41.2
CS-60	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.8
CS-61	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	145
CS-62	8/25/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	251
CS-63	8/25/2022	6.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	110
CS-64	8/25/2022	6.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.2
CS-65	8/25/2022	6.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	102
CS-66	8/25/2022	6.0	54.2	<50.0	<50.0	54.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.9
CS-67	8/25/2022	6.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	156
CS-68	8/25/2022	6.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	50.2
CS-69	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	78.5
CS-70	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	228
CS-71	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	53.1
CS-72	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	320
CS-73	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	236
CS-74	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	80.7
CS-75	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	80.1
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed												

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
CS-76	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	32.0
CS-77	8/26/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	34.0
CS-78	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.1
CS-79	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	45.3
CS-80	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	141
CS-81	8/26/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140
CS-82	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	238
CS-83	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	247
CS-84	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	34.2
CS-85	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	33.9
CS-86	8/26/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	43.7
CS-87	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	45.0
CS-88	8/29/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	95.5
CS-89	8/29/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	192
CS-90	8/29/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	279
CS-91	8/29/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	109
CS-92	8/29/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	209
CS-93	8/29/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	191
CS-94	8/29/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	100
CS-95	8/29/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	173
CS-96	8/29/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	228
CS-97	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	143
CS-98	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	253
CS-99	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	121
CS-100	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	142
CS-101	8/29/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	178
CS-102	8/29/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	115
CS-103	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	177
CS-104	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	162
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
SW-1	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	270
SW-2	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	195
SW-3	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	187
SW-4	8/24/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	250
SW-5	8/24/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	155
SW-6	8/24/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140
SW-7	8/24/2022	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	194
SW-8	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	130
SW-9	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	173
SW-10	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	156
SW-11	8/24/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.1
SW-12	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
SW-13	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	144
SW-14	8/24/2022	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	160
SW-15	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	66.6
SW-16	8/24/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	343
SW-17	8/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	296
SW-18	8/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	120
SW-19	8/24/2022	1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	155
SW-20	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.3
SW-21	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	157
SW-22	8/24/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
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

(SW) Sidewall

Table 2
NGL Water Solutions Permian
Moutray SWD Release
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)
			DRO	GRO	MRO	Total						
SW-23	8/24/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	40.8
SW-24	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	74.7
SW-25	8/25/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	446
SW-26	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.4
SW-27	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	60.4
SW-28	8/25/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.5
SW-29	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	29.3
SW-30	8/25/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	44.8
SW-31	8/25/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.1
SW-32	8/25/2022	6.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.7
SW-33	8/25/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	42.3
SW-34	8/26/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	51.5
SW-35	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	329
SW-36	8/26/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	320
SW-37	8/29/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	96.5
SW-38	8/29/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	184
SW-39	8/29/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	301
SW-40	8/29/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	100
SW-41	8/29/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	195
SW-42	8/29/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	271
SW-43	8/29/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	203
SW-44	8/29/2022	1.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	132
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

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 1

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View east area of confirmation samples (1-9).



Photograph No. 2

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southwest, area of confirmation samples (10-15 & 42-43)



Photograph No. 3

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Northwest, area of confirmation samples (16-27 & 41)



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Northwest area of confirmation samples (28-40).



Photograph No. 5

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View South, area of confirmation samples (44-62).



Photograph No. 6

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Northwest, area of confirmation samples (63-69).



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 7

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (70-87)



Photograph No. 8

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (88-96)



Photograph No. 9

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View North, area of confirmation sample (97-104).



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	nAPP2203540352
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	NGL Water Solutions Permian, LLC	OGRID	372338
Contact Name	Joseph Vargo	Contact Telephone	(303) 815-1010
Contact email	Joseph.Vargo@nglep.com	Incident # (assigned by OCD)	
Contact mailing address	865 N. Albion Street, Suite 400, Denver, CO 80220		

Location of Release Source

Latitude 32.195292 Longitude -103.983938
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Moutray SWD	Site Type	Saltwater Disposal
Date Release Discovered	2.2.2022	API# (if applicable)	30-015-43895

Unit Letter	Section	Township	Range	County
A	28	24S	29E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: NGL Water Solutions Permian, LLC)

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) 100	Volume Recovered (bbls) 75
	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

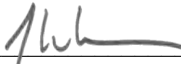
Wing Valve on the wellhead was in the open position at 2% when the injection was turned back on to the wellhead.

Incident ID	nAPP2203540352
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? Yes, more than 25 BBLS
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR was filed with OCD on 2.4.22	

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: <u>Joseph Vargo</u>	Title: <u>Regulatory Director</u>
Signature: <u></u>	Date: <u>2.4.2022</u>
email: <u>Joseph.Vargo@nglep.com</u>	Telephone: <u>(303) 815-1010</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

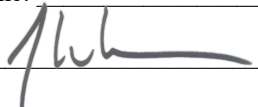
Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____
Signature:  _____ Date: _____
email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  _____ Date: 09/15/2022

Printed Name: Jennifer Nobui _____ Title: Environmental Specialist A _____

From: Nobui, Jennifer, EMNRD
Sent: Monday, August 22, 2022 11:23 AM
To: Mike Carmona
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] NGL Moutray SWD Sampling Notification- Incident #nAPP2203540352

Mike

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Monday, August 22, 2022 10:16 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] NGL Moutray SWD Sampling Notification- Incident #nAPP2203540352

From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Monday, August 22, 2022 9:05 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Conner Moehring <Cmoehring@carmonaresources.com>; Joe Vargo <Joseph.Vargo@nglep.com>; Cole Lane <Cole.Lane@nglep.com>
Subject: [EXTERNAL] NGL Moutray SWD Sampling Notification- Incident #nAPP2203540352

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

On behalf of NGL, Carmona Resources will collect confirmation samples at the below-referenced site on 08/24/22 around 8:30 a.m. Mountain Time. Please let me know if you have any questions.

NGL Moutray SWD
Incident #nAPP2203540352
32.195298°, -103.983931°
Eddy County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701

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 103353

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 103353
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. 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.	7/14/2022

APPENDIX D

CARMONA RESOURCES



Legend Page 35 of 504

0.50 Mile Radius

1.02 Miles

1.21 Miles

1.23 Miles

Moutray SWD

USGS Water Well

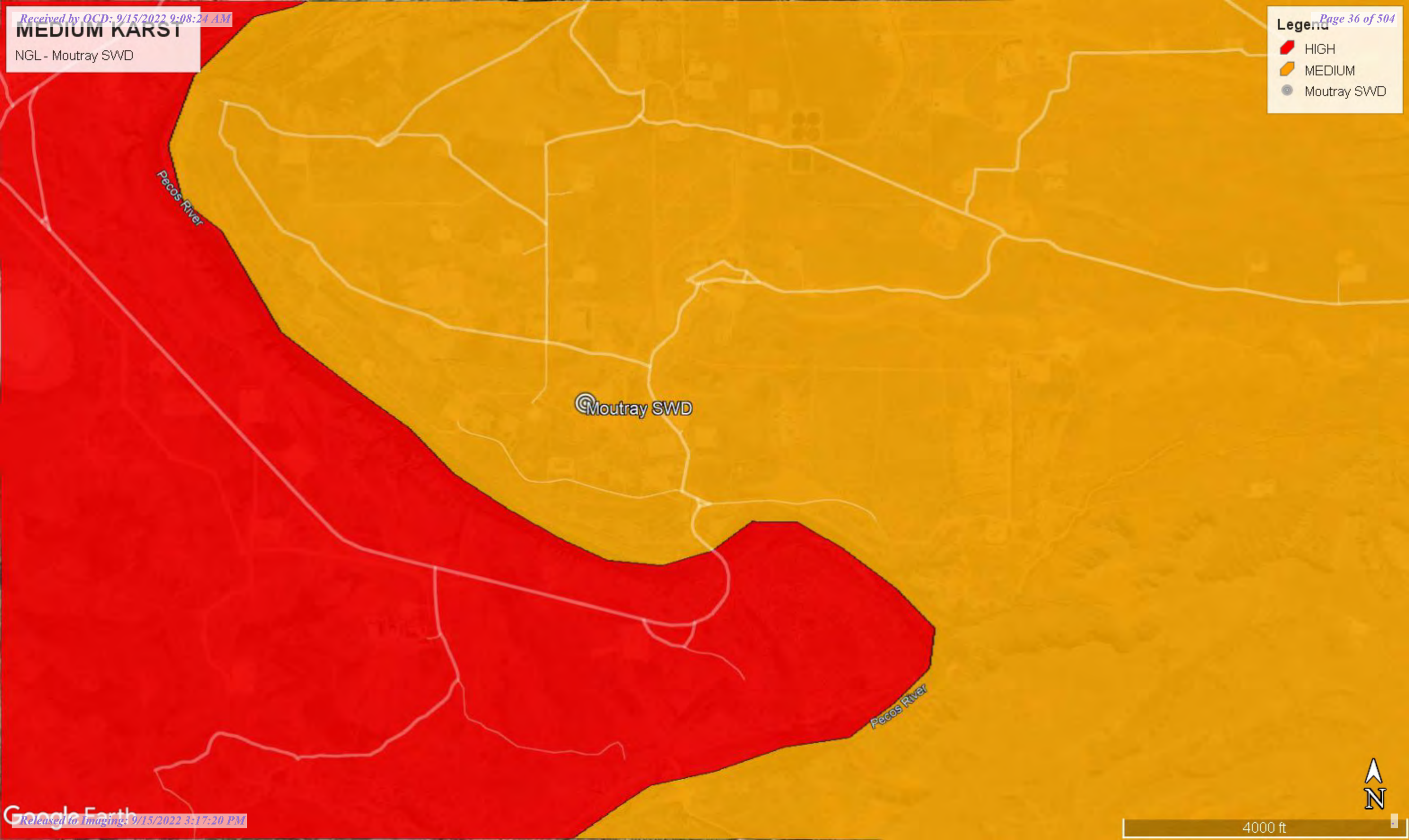


MEDIUM KARST

NGL - Moutray SWD

Legend

-  HIGH
-  MEDIUM
-  Moutray SWD





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00349	C	CUB	ED	1	3	18	24S	29E		591401	3564773*	2734		
C 00381	C	CUB	ED	3	2	3	07	24S	29E	591682	3566297*	2797		
C 00463		C	ED	4	4	4	17	24S	29E	594332	3564282*	260	4	256
C 00856		CUB	ED	1	2	4	30	24S	29E	592538	3561644*	380		
C 00857		CUB	ED	3	1	4	30	24S	29E	592135	3561440*	306		
C 00862		CUB	ED	1	2	4	30	24S	29E	592538	3561644*	155		
C 00863		CUB	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 00863 CLW199506	O	CUB	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 02713		CUB	ED	4	4	1	16	24S	29E	591633	3565944	230	18	212
C 03615 POD1		CUB	ED	1	3	2	06	24S	29E	591964	3568500	60	36	24
C 03615 POD2		CUB	ED	4	2	4	06	24S	29E	592661	3568013	60	26	34
C 04481 POD1		CUB	ED	1	3	4	03	24S	29E	596799	3567778	135		
C 04481 POD2		CUB	ED	1	3	4	03	24S	29E	596852	3567748	120		
C 04481 POD3		CUB	ED	2	4	3	03	24S	29E	596799	3567778	120		
C 04481 POD4		CUB	ED	2	4	3	03	24S	29E	596747	3567685	150		
C 04481 POD5		CUB	ED	2	4	3	03	24S	29E	596747	3567747	120		
C 04481 POD6		CUB	ED	2	4	3	03	24S	29E	596748	3567654	120		
C 04481 POD8		CUB	ED	1	3	4	03	24S	29E	596852	3567655	125		

Average Depth to Water: **21 feet**

Minimum Depth: **4 feet**

Maximum Depth: **36 feet**

Record Count: 18

PLSS Search:

Township: 24S

Range: 29E

*UTM location was derived from PLSS - see Help

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

2/9/22 9:59 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321128104000201

Minimum number of levels = 1

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USGS 321128104000201 24S.29E.29.241

Eddy County, New Mexico

Latitude 32°11'28", Longitude 104°00'02" NAD27

Land-surface elevation 2,951 feet above NGVD29

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1974-12-16			D	62610	2895.09	NGVD29	1	O	USGS	
1974-12-16			D	62611	2896.63	NAVD88	1	O	USGS	
1974-12-16			D	72019	55.91		1	O	USGS	
1975-07-15			D	62610	2894.57	NGVD29	1	O	USGS	
1975-07-15			D	62611	2896.11	NAVD88	1	O	USGS	
1975-07-15			D	72019	56.43		1	O	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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0.29 0.25 nadww02



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Groundwater levels for New Mexico

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321157104001501

Minimum number of levels = 1

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

USGS 321157104001501 24S.29E.20.431

Eddy County, New Mexico

Latitude 32°11'57", Longitude 104°00'15" NAD27

Land-surface elevation 2,959 feet above NGVD29

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1974-12-16			D	62610	2894.45	NGVD29	1	O	USGS	
1974-12-16			D	62611	2895.99	NAVD88	1	O	USGS	
1974-12-16			D	72019	64.55		1	O	USGS	
1975-07-14			D	62610	2893.90	NGVD29	1	O	USGS	
1975-07-14			D	62611	2895.44	NAVD88	1	O	USGS	
1975-07-14			D	72019	65.10		1	O	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater
Geographic Area: New Mexico
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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321134104001701

Minimum number of levels = 1

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

USGS 321134104001701 24S.29E.29.213

Eddy County, New Mexico

Latitude 32°11'34", Longitude 104°00'17" NAD27

Land-surface elevation 2,949 feet above NGVD29

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

This well is completed in the Culebra Dolomite Member of Rustler Formation (312CLBR) 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
1974-12-16			D	62610	2896.50	NGVD29	1	O	USGS	
1974-12-16			D	62611	2898.04	NAVD88	1	O	USGS	
1974-12-16			D	72019	52.50		1	O	USGS	
1975-07-15			D	62610	2895.34	NGVD29	1	O	USGS	
1975-07-15			D	62611	2896.88	NAVD88	1	O	USGS	
1975-07-15			D	72019	53.66		1	O	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

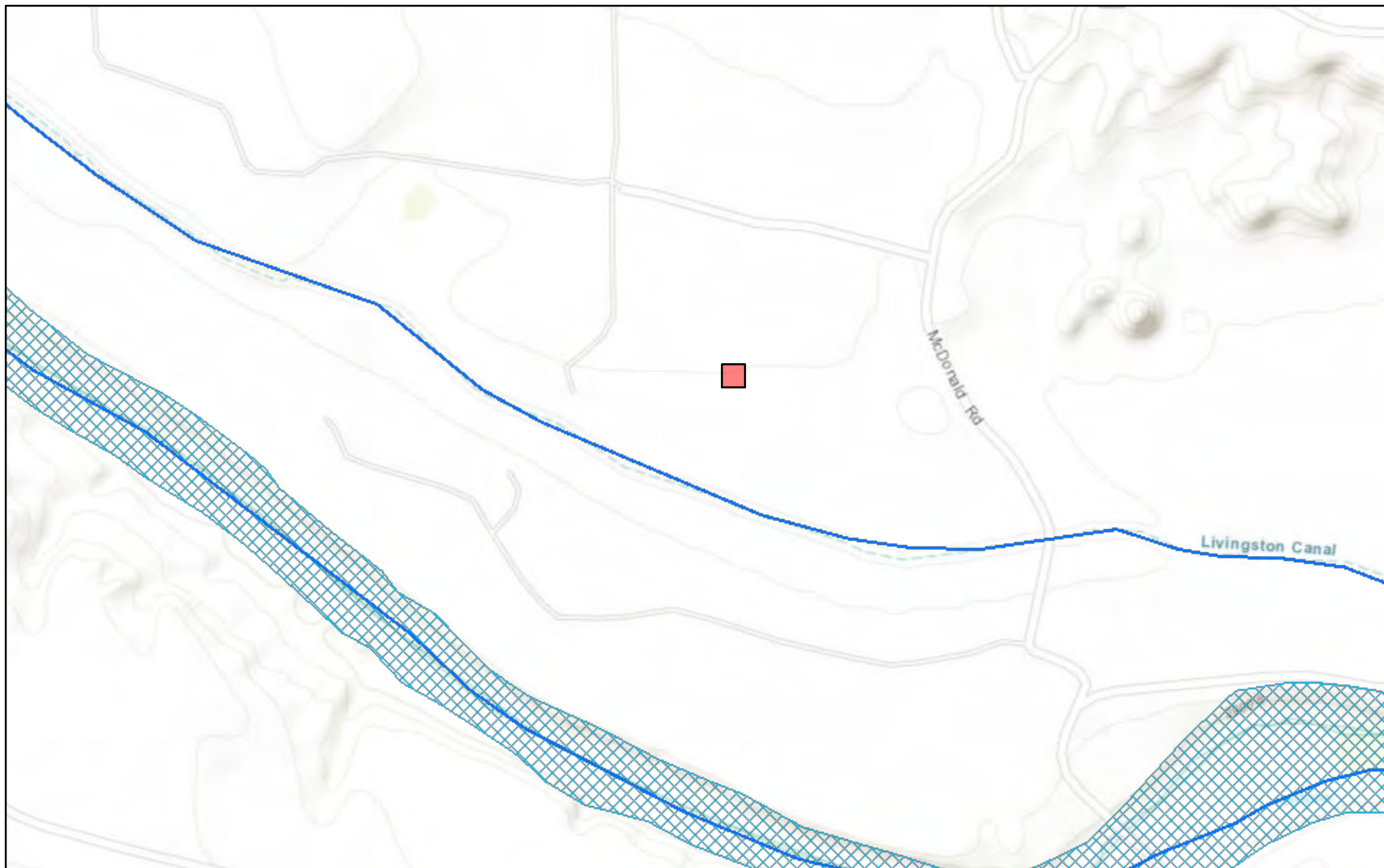
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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

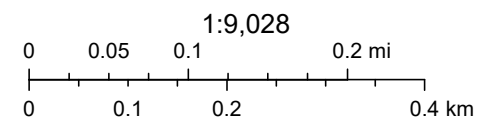


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0.32 0.27 nadww02

New Mexico NFHL Data



February 9, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-13049-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Moutray SWD

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:
4/8/2022 6:08:23 PM

Jessica Kramer, Project Manager
(432)704-5440
Jessica.Kramer@et.eurofinsus.com

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

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

Client: Carmona Resources
Project/Site: Moutray SWD

Laboratory Job ID: 880-13049-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Job ID: 880-13049-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-13049-1**

Receipt

The samples were received on 3/30/2022 9:15 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 1.6°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-22620 and analytical batch 880-22729 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-22613 and analytical batch 880-22684 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-22623 and analytical batch 880-22759 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-22691/2-A), (LCSD 880-22691/3-A) and (MB 880-22691/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (3') (880-13049-4), T-3 (0-1') (880-13049-10), T-4 (2') (880-13049-19), T-4 (3') (880-13049-20), (LCSD 880-22697/3-A) and (MB 880-22697/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (4') (880-13049-25), T-6 (0-1') (880-13049-26) and T-9 (1') (880-13049-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-22698/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-22699 and analytical batch 880-22851 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-9 (3') (880-13049-42), T-10 (0-1') (880-13049-43), T-10 (1') (880-13049-44), T-10 (2') (880-13049-45), T-10 (3') (880-13049-46), T-11 (3') (880-13049-50), H-7 (0-0.5') (880-13049-61), S-2 (2') (880-13049-73), S-3 (3') (880-13049-79) and (MB 880-22701/1-A). 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 880-22800 and analytical batch 880-23142 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Job ID: 880-13049-1 (Continued)

Laboratory: Eurofins Midland (Continued)

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-1

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		03/31/22 13:00	04/01/22 04:08	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		03/31/22 13:00	04/01/22 04:08	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		03/31/22 13:00	04/01/22 04:08	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402		mg/Kg		03/31/22 13:00	04/01/22 04:08	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		03/31/22 13:00	04/01/22 04:08	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		03/31/22 13:00	04/01/22 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/31/22 13:00	04/01/22 04:08	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/31/22 13:00	04/01/22 04:08	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			04/01/22 14:41	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			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 11:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/22 08:59	03/31/22 11:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 08:59	03/31/22 11:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	03/31/22 08:59	03/31/22 11:35	1
o-Terphenyl	121		70 - 130	03/31/22 08:59	03/31/22 11:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2380		25.2		mg/Kg			04/07/22 21:03	5

Client Sample ID: T-1 (1')

Lab Sample ID: 880-13049-2

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 04:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 04:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 04:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/31/22 13:00	04/01/22 04:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 04:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/31/22 13:00	04/01/22 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/31/22 13:00	04/01/22 04:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/31/22 13:00	04/01/22 04:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (1')

Lab Sample ID: 880-13049-2

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 12:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				03/31/22 08:59	03/31/22 12:38	1
o-Terphenyl	112		70 - 130				03/31/22 08:59	03/31/22 12:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2620		25.0		mg/Kg			04/07/22 21:30	5

Client Sample ID: T-1 (2')

Lab Sample ID: 880-13049-3

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 04:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 04:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 04:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 13:00	04/01/22 04:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 04:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 13:00	04/01/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/31/22 13:00	04/01/22 04:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/31/22 13:00	04/01/22 04:49	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 13:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 13:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-13049-3

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 08:59	03/31/22 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				03/31/22 08:59	03/31/22 13:00	1
o-Terphenyl	122		70 - 130				03/31/22 08:59	03/31/22 13:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1690		25.0		mg/Kg			04/07/22 21:38	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-13049-4

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 05:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/31/22 13:00	04/01/22 05:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/31/22 13:00	04/01/22 05:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/31/22 13:00	04/01/22 05:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/31/22 13:00	04/01/22 05:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/31/22 13:00	04/01/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/31/22 13:00	04/01/22 05:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/31/22 13:00	04/01/22 05:10	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 13:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 13:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				03/31/22 08:59	03/31/22 13:22	1
o-Terphenyl	118		70 - 130				03/31/22 08:59	03/31/22 13:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.5		4.95		mg/Kg			04/07/22 21:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-5

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 05:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 05:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 05:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/31/22 13:00	04/01/22 05:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 05:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/31/22 13:00	04/01/22 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/31/22 13:00	04/01/22 05:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/31/22 13:00	04/01/22 05:30	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 13:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 13:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	03/31/22 08:59	03/31/22 13:44	1
o-Terphenyl	119		70 - 130	03/31/22 08:59	03/31/22 13:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		4.97		mg/Kg			04/07/22 21:56	1

Client Sample ID: T-2 (1')

Lab Sample ID: 880-13049-6

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 05:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 05:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 05:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 13:00	04/01/22 05:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 05:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 13:00	04/01/22 05:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/31/22 13:00	04/01/22 05:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/31/22 13:00	04/01/22 05:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (1')

Lab Sample ID: 880-13049-6

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	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			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 14:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/22 08:59	03/31/22 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 08:59	03/31/22 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				03/31/22 08:59	03/31/22 14:07	1
o-Terphenyl	113		70 - 130				03/31/22 08:59	03/31/22 14:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	678		5.00		mg/Kg			04/07/22 22:23	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-13049-7

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 06:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/31/22 13:00	04/01/22 06:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/31/22 13:00	04/01/22 06:11	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/31/22 13:00	04/01/22 06:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/31/22 13:00	04/01/22 06:11	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/31/22 13:00	04/01/22 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				03/31/22 13:00	04/01/22 06:11	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/31/22 13:00	04/01/22 06:11	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 14:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 14:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-13049-7

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 08:59	03/31/22 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				03/31/22 08:59	03/31/22 14:29	1
o-Terphenyl	127		70 - 130				03/31/22 08:59	03/31/22 14:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		4.98		mg/Kg			04/07/22 22:31	1

Client Sample ID: T-2 (3')

Lab Sample ID: 880-13049-8

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 06:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/31/22 13:00	04/01/22 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/31/22 13:00	04/01/22 06:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/31/22 13:00	04/01/22 06:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/31/22 13:00	04/01/22 06:31	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 14:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				03/31/22 08:59	03/31/22 14:51	1
o-Terphenyl	124		70 - 130				03/31/22 08:59	03/31/22 14:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		5.00		mg/Kg			04/07/22 22:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (4')

Lab Sample ID: 880-13049-9

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 06:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 06:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 06:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/31/22 13:00	04/01/22 06:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 06:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/31/22 13:00	04/01/22 06:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/31/22 13:00	04/01/22 06:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/31/22 13:00	04/01/22 06:52	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 15:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 15:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/31/22 08:59	03/31/22 15:13	1
o-Terphenyl	113		70 - 130	03/31/22 08:59	03/31/22 15:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.7		4.99		mg/Kg			04/07/22 22:49	1

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

Lab Sample ID: 880-13049-10

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 13:00	04/01/22 07:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 07:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 07:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 13:00	04/01/22 07:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 13:00	04/01/22 07:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 13:00	04/01/22 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	03/31/22 13:00	04/01/22 07:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/31/22 13:00	04/01/22 07:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-10

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 15:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 15:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				03/31/22 08:59	03/31/22 15:35	1
o-Terphenyl	136	S1+	70 - 130				03/31/22 08:59	03/31/22 15:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	416		5.01		mg/Kg			04/07/22 22:58	1

Client Sample ID: T-3 (1')

Lab Sample ID: 880-13049-11

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00314		0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:08	1
Ethylbenzene	0.00286		0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/31/22 09:20	03/31/22 22:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/31/22 09:20	03/31/22 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				03/31/22 09:20	03/31/22 22:08	1
1,4-Difluorobenzene (Surr)	104		70 - 130				03/31/22 09:20	03/31/22 22:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00600		0.00400		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 16:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (1')

Lab Sample ID: 880-13049-11

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 08:59	03/31/22 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/31/22 08:59	03/31/22 16:20	1
o-Terphenyl	113		70 - 130				03/31/22 08:59	03/31/22 16:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	332		5.00		mg/Kg			04/07/22 23:07	1

Client Sample ID: T-3 (2')

Lab Sample ID: 880-13049-12

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	03/31/22 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/31/22 09:20	03/31/22 22:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 22:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/31/22 09:20	03/31/22 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/31/22 09:20	03/31/22 22:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130				03/31/22 09:20	03/31/22 22:28	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 16:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 16:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				03/31/22 08:59	03/31/22 16:41	1
o-Terphenyl	121		70 - 130				03/31/22 08:59	03/31/22 16:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		4.95		mg/Kg			04/07/22 23:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (3')

Lab Sample ID: 880-13049-13

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	03/31/22 22:48	1
Toluene	0.00201		0.00201		mg/Kg		03/31/22 09:20	03/31/22 22:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/31/22 09:20	03/31/22 22:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/31/22 09:20	03/31/22 22:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/31/22 09:20	03/31/22 22:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/31/22 09:20	03/31/22 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	03/31/22 09:20	03/31/22 22:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/31/22 09:20	03/31/22 22:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 17:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 17:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/31/22 08:59	03/31/22 17:02	1
o-Terphenyl	114		70 - 130	03/31/22 08:59	03/31/22 17:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	548		5.04		mg/Kg			04/07/22 23:42	1

Client Sample ID: T-3 (4')

Lab Sample ID: 880-13049-14

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	03/31/22 23:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 23:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 23:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/31/22 09:20	03/31/22 23:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 23:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/31/22 09:20	03/31/22 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/31/22 09:20	03/31/22 23:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/31/22 09:20	03/31/22 23:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (4')

Lab Sample ID: 880-13049-14

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 17:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 17:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				03/31/22 08:59	03/31/22 17:24	1
o-Terphenyl	118		70 - 130				03/31/22 08:59	03/31/22 17:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	731		4.97		mg/Kg			04/08/22 00:09	1

Client Sample ID: T-3 (5')

Lab Sample ID: 880-13049-15

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	03/31/22 23:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 09:20	03/31/22 23:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 09:20	03/31/22 23:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 09:20	03/31/22 23:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 09:20	03/31/22 23:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 09:20	03/31/22 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/31/22 09:20	03/31/22 23:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/31/22 09:20	03/31/22 23:29	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 17:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 17:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (5')

Lab Sample ID: 880-13049-15

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 08:59	03/31/22 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				03/31/22 08:59	03/31/22 17:46	1
o-Terphenyl	128		70 - 130				03/31/22 08:59	03/31/22 17:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	922		4.98		mg/Kg			04/08/22 00:18	1

Client Sample ID: T-3 (6')

Lab Sample ID: 880-13049-16

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	03/31/22 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 23:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/31/22 09:20	03/31/22 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 23:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/31/22 09:20	03/31/22 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/31/22 09:20	03/31/22 23:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130				03/31/22 09:20	03/31/22 23:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 18:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/31/22 08:59	03/31/22 18:08	1
o-Terphenyl	112		70 - 130				03/31/22 08:59	03/31/22 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.4		4.95		mg/Kg			04/08/22 00:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-17

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	04/01/22 00:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 09:20	04/01/22 00:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 09:20	04/01/22 00:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 09:20	04/01/22 00:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 09:20	04/01/22 00:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 09:20	04/01/22 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	03/31/22 09:20	04/01/22 00:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/31/22 09:20	04/01/22 00:10	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 18:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 18:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	03/31/22 08:59	03/31/22 18:30	1
o-Terphenyl	131	S1+	70 - 130	03/31/22 08:59	03/31/22 18:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		24.8		mg/Kg			04/08/22 00:36	5

Client Sample ID: T-4 (1')

Lab Sample ID: 880-13049-18

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:20	04/01/22 00:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	04/01/22 00:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	04/01/22 00:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/31/22 09:20	04/01/22 00:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	04/01/22 00:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/31/22 09:20	04/01/22 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/31/22 09:20	04/01/22 00:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/31/22 09:20	04/01/22 00:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (1')

Lab Sample ID: 880-13049-18

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 18:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 18:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				03/31/22 08:59	03/31/22 18:52	1
o-Terphenyl	113		70 - 130				03/31/22 08:59	03/31/22 18:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	692		5.01		mg/Kg			04/08/22 00:44	1

Client Sample ID: T-4 (2')

Lab Sample ID: 880-13049-19

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		04/01/22 07:45	04/01/22 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 11:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/22 07:45	04/01/22 11:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 11:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/22 07:45	04/01/22 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/01/22 07:45	04/01/22 11:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/01/22 07:45	04/01/22 11:19	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 19:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (2')

Lab Sample ID: 880-13049-19

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 08:59	03/31/22 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				03/31/22 08:59	03/31/22 19:14	1
o-Terphenyl	134	S1+	70 - 130				03/31/22 08:59	03/31/22 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.0		4.99		mg/Kg			04/08/22 00:53	1

Client Sample ID: T-4 (3')

Lab Sample ID: 880-13049-20

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		04/01/22 07:45	04/01/22 15:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 15:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 15:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/22 07:45	04/01/22 15:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 15:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/22 07:45	04/01/22 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/01/22 07:45	04/01/22 15:48	1
1,4-Difluorobenzene (Surr)	109		70 - 130				04/01/22 07:45	04/01/22 15:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:59	03/31/22 19:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 19:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 08:59	03/31/22 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				03/31/22 08:59	03/31/22 19:35	1
o-Terphenyl	132	S1+	70 - 130				03/31/22 08:59	03/31/22 19:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.5		5.05		mg/Kg			04/08/22 01:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-21

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/01/22 22:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/01/22 22:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/01/22 22:16	1
m-Xylene & p-Xylene	0.00412		0.00396		mg/Kg		03/30/22 10:06	04/01/22 22:16	1
o-Xylene	0.00340		0.00198		mg/Kg		03/30/22 10:06	04/01/22 22:16	1
Xylenes, Total	0.00752		0.00396		mg/Kg		03/30/22 10:06	04/01/22 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	03/30/22 10:06	04/01/22 22:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/30/22 10:06	04/01/22 22:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00752		0.00396		mg/Kg			04/01/22 14:41	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			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 11:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/22 09:04	03/31/22 11:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 09:04	03/31/22 11:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/31/22 09:04	03/31/22 11:35	1
o-Terphenyl	115		70 - 130				03/31/22 09:04	03/31/22 11:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		4.98		mg/Kg			04/08/22 02:13	1

Client Sample ID: T-5 (1')

Lab Sample ID: 880-13049-22

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/01/22 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 22:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/01/22 22:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/01/22 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/30/22 10:06	04/01/22 22:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 10:06	04/01/22 22:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (1')

Lab Sample ID: 880-13049-22

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 12:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/31/22 09:04	03/31/22 12:38	1
o-Terphenyl	112		70 - 130				03/31/22 09:04	03/31/22 12:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		5.00		mg/Kg			04/08/22 02:39	1

Client Sample ID: T-5 (2')

Lab Sample ID: 880-13049-23

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/01/22 22:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 22:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 22:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/01/22 22:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 22:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/01/22 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/30/22 10:06	04/01/22 22:57	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/01/22 22:57	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 13:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 13:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (2')

Lab Sample ID: 880-13049-23

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:04	03/31/22 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				03/31/22 09:04	03/31/22 13:00	1
o-Terphenyl	134	S1+	70 - 130				03/31/22 09:04	03/31/22 13:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		4.97		mg/Kg			04/08/22 02:48	1

Client Sample ID: T-5 (3')

Lab Sample ID: 880-13049-24

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/01/22 23:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/01/22 23:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/01/22 23:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/01/22 23:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/01/22 23:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/01/22 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/01/22 23:18	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/30/22 10:06	04/01/22 23:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 13:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 13:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				03/31/22 09:04	03/31/22 13:22	1
o-Terphenyl	109		70 - 130				03/31/22 09:04	03/31/22 13:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		5.00		mg/Kg			04/08/22 02:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (4')

Lab Sample ID: 880-13049-25

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/01/22 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 23:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/01/22 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 23:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/01/22 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	285	S1+	70 - 130	03/30/22 10:06	04/01/22 23:38	1
1,4-Difluorobenzene (Surr)	292	S1+	70 - 130	03/30/22 10:06	04/01/22 23:38	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 13:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 13:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	03/31/22 09:04	03/31/22 13:44	1
o-Terphenyl	140	S1+	70 - 130	03/31/22 09:04	03/31/22 13:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		4.96		mg/Kg			04/08/22 03:06	1

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

Lab Sample ID: 880-13049-26

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/01/22 23:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/01/22 23:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/01/22 23:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/01/22 23:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/01/22 23:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/01/22 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/30/22 10:06	04/01/22 23:59	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:06	04/01/22 23:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-26

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 14:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 14:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				03/31/22 09:04	03/31/22 14:07	1
o-Terphenyl	138	S1+	70 - 130				03/31/22 09:04	03/31/22 14:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	255		4.95		mg/Kg			04/08/22 03:32	1

Client Sample ID: T-6 (1')

Lab Sample ID: 880-13049-27

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 00:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 00:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 00:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/02/22 00:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 00:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/02/22 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/30/22 10:06	04/02/22 00:19	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/30/22 10:06	04/02/22 00:19	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 14:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 14:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (1')

Lab Sample ID: 880-13049-27

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:04	03/31/22 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				03/31/22 09:04	03/31/22 14:29	1
o-Terphenyl	117		70 - 130				03/31/22 09:04	03/31/22 14:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	273		4.95		mg/Kg			04/08/22 03:41	1

Client Sample ID: T-6 (2')

Lab Sample ID: 880-13049-28

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 00:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/02/22 00:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/02/22 00:40	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/30/22 10:06	04/02/22 00:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/02/22 00:40	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/30/22 10:06	04/02/22 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/30/22 10:06	04/02/22 00:40	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/02/22 00:40	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 14:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 14:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				03/31/22 09:04	03/31/22 14:51	1
o-Terphenyl	115		70 - 130				03/31/22 09:04	03/31/22 14:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		5.05		mg/Kg			04/08/22 03:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (3')

Lab Sample ID: 880-13049-29

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 01:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 01:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 01:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 01:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 01:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/30/22 10:06	04/02/22 01:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:06	04/02/22 01:01	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 15:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 15:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/31/22 09:04	03/31/22 15:13	1
o-Terphenyl	118		70 - 130	03/31/22 09:04	03/31/22 15:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	629		4.99		mg/Kg			04/08/22 03:59	1

Client Sample ID: T-6 (4')

Lab Sample ID: 880-13049-30

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 01:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:06	04/02/22 01:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:06	04/02/22 01:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:06	04/02/22 01:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:06	04/02/22 01:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:06	04/02/22 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/30/22 10:06	04/02/22 01:21	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 10:06	04/02/22 01:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (4')

Lab Sample ID: 880-13049-30

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 15:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				03/31/22 09:04	03/31/22 15:35	1
o-Terphenyl	120		70 - 130				03/31/22 09:04	03/31/22 15:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		5.01		mg/Kg			04/08/22 04:08	1

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

Lab Sample ID: 880-13049-31

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 02:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 02:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 02:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/02/22 02:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 02:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/02/22 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/02/22 02:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/30/22 10:06	04/02/22 02:44	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 16:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-31

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:04	03/31/22 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/31/22 09:04	03/31/22 16:20	1
o-Terphenyl	112		70 - 130				03/31/22 09:04	03/31/22 16:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	571		4.95		mg/Kg			04/08/22 04:17	1

Client Sample ID: T-7 (1')

Lab Sample ID: 880-13049-32

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 03:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 03:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 03:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 03:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 03:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/30/22 10:06	04/02/22 03:05	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/30/22 10:06	04/02/22 03:05	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 16:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 16:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/31/22 09:04	03/31/22 16:41	1
o-Terphenyl	114		70 - 130				03/31/22 09:04	03/31/22 16:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	328		5.00		mg/Kg			04/08/22 04:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-7 (2')

Lab Sample ID: 880-13049-33

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 03:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 03:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 03:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 10:06	04/02/22 03:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 03:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 10:06	04/02/22 03:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/30/22 10:06	04/02/22 03:25	1
1,4-Difluorobenzene (Surr)	110		70 - 130	03/30/22 10:06	04/02/22 03:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 17:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 17:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	03/31/22 09:04	03/31/22 17:02	1
o-Terphenyl	119		70 - 130	03/31/22 09:04	03/31/22 17:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		4.99		mg/Kg			04/08/22 04:52	1

Client Sample ID: T-7 (3')

Lab Sample ID: 880-13049-34

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 03:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:06	04/02/22 03:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:06	04/02/22 03:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/30/22 10:06	04/02/22 03:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:06	04/02/22 03:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/30/22 10:06	04/02/22 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/30/22 10:06	04/02/22 03:46	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 10:06	04/02/22 03:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-7 (3')

Lab Sample ID: 880-13049-34

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 17:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 17:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				03/31/22 09:04	03/31/22 17:24	1
o-Terphenyl	125		70 - 130				03/31/22 09:04	03/31/22 17:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.97		mg/Kg			04/08/22 05:19	1

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

Lab Sample ID: 880-13049-35

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 04:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 04:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 04:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/02/22 04:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 04:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:06	04/02/22 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				03/30/22 10:06	04/02/22 04:07	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/30/22 10:06	04/02/22 04:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 17:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 17:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-35

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:04	03/31/22 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				03/31/22 09:04	03/31/22 17:46	1
o-Terphenyl	114		70 - 130				03/31/22 09:04	03/31/22 17:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.96		mg/Kg			04/08/22 05:28	1

Client Sample ID: T-8 (1')

Lab Sample ID: 880-13049-36

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 04:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/30/22 10:06	04/02/22 04:27	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/02/22 04:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 18:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/31/22 09:04	03/31/22 18:08	1
o-Terphenyl	108		70 - 130				03/31/22 09:04	03/31/22 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.00		mg/Kg			04/08/22 05:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-8 (2')

Lab Sample ID: 880-13049-37

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 04:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 04:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 04:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 04:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:06	04/02/22 04:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:06	04/02/22 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/30/22 10:06	04/02/22 04:48	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/30/22 10:06	04/02/22 04:48	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 18:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 18:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	03/31/22 09:04	03/31/22 18:30	1
o-Terphenyl	110		70 - 130	03/31/22 09:04	03/31/22 18:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		4.98		mg/Kg			04/08/22 05:45	1

Client Sample ID: T-8 (3')

Lab Sample ID: 880-13049-38

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 05:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 05:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 05:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/02/22 05:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/02/22 05:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/02/22 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/30/22 10:06	04/02/22 05:08	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 10:06	04/02/22 05:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-8 (3')

Lab Sample ID: 880-13049-38

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 18:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 18:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/31/22 09:04	03/31/22 18:52	1
o-Terphenyl	124		70 - 130				03/31/22 09:04	03/31/22 18:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		4.99		mg/Kg			04/08/22 05:55	1

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-13049-39

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 05:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/02/22 05:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/02/22 05:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/30/22 10:06	04/02/22 05:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:06	04/02/22 05:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/30/22 10:06	04/02/22 05:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/02/22 05:29	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:06	04/02/22 05:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 19:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-13049-39

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:04	03/31/22 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/31/22 09:04	03/31/22 19:14	1
o-Terphenyl	121		70 - 130				03/31/22 09:04	03/31/22 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720		5.00		mg/Kg			04/08/22 06:03	1

Client Sample ID: T-9 (1')

Lab Sample ID: 880-13049-40

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:06	04/02/22 05:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:06	04/02/22 05:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:06	04/02/22 05:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:06	04/02/22 05:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:06	04/02/22 05:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:06	04/02/22 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/30/22 10:06	04/02/22 05:49	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/30/22 10:06	04/02/22 05:49	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:04	03/31/22 19:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 19:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:04	03/31/22 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				03/31/22 09:04	03/31/22 19:35	1
o-Terphenyl	135	S1+	70 - 130				03/31/22 09:04	03/31/22 19:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		5.05		mg/Kg			04/08/22 06:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (2')

Lab Sample ID: 880-13049-41

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		03/30/22 10:08	04/02/22 09:13	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		03/30/22 10:08	04/02/22 09:13	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		03/30/22 10:08	04/02/22 09:13	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		03/30/22 10:08	04/02/22 09:13	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		03/30/22 10:08	04/02/22 09:13	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		03/30/22 10:08	04/02/22 09:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/30/22 10:08	04/02/22 09:13	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/30/22 10:08	04/02/22 09:13	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			04/01/22 14:41	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			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		03/31/22 09:08	04/02/22 13:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		03/31/22 09:08	04/02/22 13:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 09:08	04/02/22 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	03/31/22 09:08	04/02/22 13:33	1
o-Terphenyl	126		70 - 130	03/31/22 09:08	04/02/22 13:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.7		4.95		mg/Kg			04/07/22 19:03	1

Client Sample ID: T-9 (3')

Lab Sample ID: 880-13049-42

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 09:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 09:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 09:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 09:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 09:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 09:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/30/22 10:08	04/02/22 09:33	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 10:08	04/02/22 09:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (3')

Lab Sample ID: 880-13049-42

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 14:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				03/31/22 09:08	04/02/22 14:37	1
o-Terphenyl	131	S1+	70 - 130				03/31/22 09:08	04/02/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.9		5.00		mg/Kg			04/07/22 19:20	1

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-13049-43

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 09:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 09:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 09:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:08	04/02/22 09:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 09:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:08	04/02/22 09:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/30/22 10:08	04/02/22 09:54	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/30/22 10:08	04/02/22 09:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/22 14:41	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			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		03/31/22 09:08	04/02/22 14:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		03/31/22 09:08	04/02/22 14:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-13049-43

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 09:08	04/02/22 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				03/31/22 09:08	04/02/22 14:58	1
o-Terphenyl	125		70 - 130				03/31/22 09:08	04/02/22 14:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.4		4.99		mg/Kg			04/07/22 19:25	1

Client Sample ID: T-10 (1')

Lab Sample ID: 880-13049-44

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 10:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 10:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 10:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 10:08	04/02/22 10:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 10:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 10:08	04/02/22 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/30/22 10:08	04/02/22 10:14	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/30/22 10:08	04/02/22 10:14	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				03/31/22 09:08	04/02/22 15:19	1
o-Terphenyl	134	S1+	70 - 130				03/31/22 09:08	04/02/22 15:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.8		4.96		mg/Kg			04/07/22 19:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (2')

Lab Sample ID: 880-13049-45

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 10:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 10:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 10:35	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/30/22 10:08	04/02/22 10:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 10:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/30/22 10:08	04/02/22 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/30/22 10:08	04/02/22 10:35	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 10:08	04/02/22 10:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 15:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 15:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	03/31/22 09:08	04/02/22 15:41	1
o-Terphenyl	133	S1+	70 - 130	03/31/22 09:08	04/02/22 15:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.6		4.97		mg/Kg			04/07/22 19:37	1

Client Sample ID: T-10 (3')

Lab Sample ID: 880-13049-46

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 10:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 10:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:08	04/02/22 10:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 10:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:08	04/02/22 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/30/22 10:08	04/02/22 10:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/30/22 10:08	04/02/22 10:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (3')

Lab Sample ID: 880-13049-46

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 16:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 16:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				03/31/22 09:08	04/02/22 16:03	1
o-Terphenyl	131	S1+	70 - 130				03/31/22 09:08	04/02/22 16:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.5		5.00		mg/Kg			04/07/22 19:53	1

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-13049-47

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 11:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 11:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 11:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:08	04/02/22 11:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 11:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:08	04/02/22 11:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				03/30/22 10:08	04/02/22 11:16	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 11:16	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 16:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 16:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-13049-47

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:08	04/02/22 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				03/31/22 09:08	04/02/22 16:25	1
o-Terphenyl	120		70 - 130				03/31/22 09:08	04/02/22 16:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		25.0		mg/Kg			04/07/22 19:59	5

Client Sample ID: T-11 (1')

Lab Sample ID: 880-13049-48

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 11:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 11:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 11:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 11:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 11:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 11:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 11:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 11:37	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 16:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 16:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				03/31/22 09:08	04/02/22 16:46	1
o-Terphenyl	116		70 - 130				03/31/22 09:08	04/02/22 16:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.05		mg/Kg			04/08/22 12:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (2')

Lab Sample ID: 880-13049-49

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 11:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 10:08	04/02/22 11:57	1
o-Xylene	0.00287		0.00200		mg/Kg		03/30/22 10:08	04/02/22 11:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 10:08	04/02/22 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	03/30/22 10:08	04/02/22 11:57	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/30/22 10:08	04/02/22 11:57	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 17:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 17:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/31/22 09:08	04/02/22 17:07	1
o-Terphenyl	110		70 - 130				03/31/22 09:08	04/02/22 17:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.9		4.97		mg/Kg			04/07/22 20:10	1

Client Sample ID: T-11 (3')

Lab Sample ID: 880-13049-50

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 12:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 12:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 12:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/30/22 10:08	04/02/22 12:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 12:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/30/22 10:08	04/02/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/30/22 10:08	04/02/22 12:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:08	04/02/22 12:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (3')

Lab Sample ID: 880-13049-50

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 17:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 17:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:08	04/02/22 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				03/31/22 09:08	04/02/22 17:29	1
o-Terphenyl	131	S1+	70 - 130				03/31/22 09:08	04/02/22 17:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.0		4.98		mg/Kg			04/07/22 20:16	1

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-13049-51

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 13:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 13:41	1
Ethylbenzene	0.0239		0.00202		mg/Kg		03/30/22 10:08	04/02/22 13:41	1
m-Xylene & p-Xylene	0.0915		0.00404		mg/Kg		03/30/22 10:08	04/02/22 13:41	1
o-Xylene	0.0370		0.00202		mg/Kg		03/30/22 10:08	04/02/22 13:41	1
Xylenes, Total	0.129		0.00404		mg/Kg		03/30/22 10:08	04/02/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 13:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 13:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.152		0.00404		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-13049-51

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:08	04/02/22 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				03/31/22 09:08	04/02/22 18:11	1
o-Terphenyl	102		70 - 130				03/31/22 09:08	04/02/22 18:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.2	F1	5.00		mg/Kg			04/08/22 12:50	1

Client Sample ID: T-12 (1')

Lab Sample ID: 880-13049-52

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 14:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 14:02	1
Ethylbenzene	0.00446		0.00199		mg/Kg		03/30/22 10:08	04/02/22 14:02	1
m-Xylene & p-Xylene	0.0215		0.00398		mg/Kg		03/30/22 10:08	04/02/22 14:02	1
o-Xylene	0.0121		0.00199		mg/Kg		03/30/22 10:08	04/02/22 14:02	1
Xylenes, Total	0.0336		0.00398		mg/Kg		03/30/22 10:08	04/02/22 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 14:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 14:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0381		0.00398		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/31/22 09:08	04/02/22 18:33	1
o-Terphenyl	116		70 - 130				03/31/22 09:08	04/02/22 18:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.9		4.99		mg/Kg			04/08/22 13:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (2')

Lab Sample ID: 880-13049-53

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 14:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 14:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 14:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 14:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 14:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/30/22 10:08	04/02/22 14:22	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:08	04/02/22 14:22	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	03/31/22 09:08	04/02/22 18:54	1
o-Terphenyl	125		70 - 130	03/31/22 09:08	04/02/22 18:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.0		4.95		mg/Kg			04/07/22 20:41	1

Client Sample ID: T-12 (3')

Lab Sample ID: 880-13049-54

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 14:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 14:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 14:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:08	04/02/22 14:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:08	04/02/22 14:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:08	04/02/22 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/30/22 10:08	04/02/22 14:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/30/22 10:08	04/02/22 14:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (3')

Lab Sample ID: 880-13049-54

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 19:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 19:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:08	04/02/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				03/31/22 09:08	04/02/22 19:15	1
o-Terphenyl	128		70 - 130				03/31/22 09:08	04/02/22 19:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.9		5.02		mg/Kg			04/07/22 20:57	1

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

Lab Sample ID: 880-13049-55

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 15:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:08	04/02/22 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 15:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:08	04/02/22 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 15:03	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 15:03	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 19:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 19:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-55

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:08	04/02/22 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				03/31/22 09:08	04/02/22 19:37	1
o-Terphenyl	109		70 - 130				03/31/22 09:08	04/02/22 19:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.7		4.97		mg/Kg			04/07/22 21:03	1

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

Lab Sample ID: 880-13049-56

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 15:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:08	04/02/22 15:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:08	04/02/22 15:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/30/22 10:08	04/02/22 15:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:08	04/02/22 15:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/30/22 10:08	04/02/22 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 15:24	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 15:24	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 19:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				03/31/22 09:08	04/02/22 19:58	1
o-Terphenyl	113		70 - 130				03/31/22 09:08	04/02/22 19:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.3		4.98		mg/Kg			04/07/22 21:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-57

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 15:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 15:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 15:45	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/30/22 10:08	04/02/22 15:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:08	04/02/22 15:45	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/30/22 10:08	04/02/22 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/30/22 10:08	04/02/22 15:45	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:08	04/02/22 15:45	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 20:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 20:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	03/31/22 09:08	04/02/22 20:19	1
o-Terphenyl	119		70 - 130	03/31/22 09:08	04/02/22 20:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.8		4.99		mg/Kg			04/07/22 21:14	1

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

Lab Sample ID: 880-13049-58

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 16:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 16:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 16:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 16:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 16:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/30/22 10:08	04/02/22 16:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/30/22 10:08	04/02/22 16:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-58

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/31/22 09:08	04/02/22 20:41	1
o-Terphenyl	120		70 - 130				03/31/22 09:08	04/02/22 20:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		4.95		mg/Kg			04/07/22 21:20	1

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

Lab Sample ID: 880-13049-59

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 16:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 16:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 16:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:08	04/02/22 16:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 16:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:08	04/02/22 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				03/30/22 10:08	04/02/22 16:26	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/30/22 10:08	04/02/22 16:26	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 21:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/31/22 09:08	04/02/22 21:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-59

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:08	04/02/22 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				03/31/22 09:08	04/02/22 21:03	1
o-Terphenyl	119		70 - 130				03/31/22 09:08	04/02/22 21:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	265		5.05		mg/Kg			04/07/22 21:25	1

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

Lab Sample ID: 880-13049-60

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:08	04/02/22 16:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 16:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 16:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 16:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:08	04/02/22 16:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:08	04/02/22 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 16:46	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 10:08	04/02/22 16:46	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 21:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/31/22 09:08	04/02/22 21:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:08	04/02/22 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				03/31/22 09:08	04/02/22 21:25	1
o-Terphenyl	121		70 - 130				03/31/22 09:08	04/02/22 21:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		5.00		mg/Kg			04/07/22 21:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-61

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 14:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 14:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 14:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 14:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 14:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/30/22 10:12	04/01/22 14:45	1
1,4-Difluorobenzene (Surr)	105		70 - 130	03/30/22 10:12	04/01/22 14:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/22 14:41	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			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/02/22 23:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/22 09:11	04/02/22 23:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 09:11	04/02/22 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	03/31/22 09:11	04/02/22 23:12	1
o-Terphenyl	133	S1+	70 - 130	03/31/22 09:11	04/02/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.1		5.00		mg/Kg			04/07/22 22:16	1

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

Lab Sample ID: 880-13049-62

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 15:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 15:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 15:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:12	04/01/22 15:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 15:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:12	04/01/22 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/30/22 10:12	04/01/22 15:06	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/30/22 10:12	04/01/22 15:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-62

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 00:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/31/22 09:11	04/03/22 00:13	1
o-Terphenyl	117		70 - 130				03/31/22 09:11	04/03/22 00:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.99		mg/Kg			04/07/22 22:33	1

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

Lab Sample ID: 880-13049-63

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 15:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:12	04/01/22 15:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:12	04/01/22 15:26	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/30/22 10:12	04/01/22 15:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:12	04/01/22 15:26	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/30/22 10:12	04/01/22 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				03/30/22 10:12	04/01/22 15:26	1
1,4-Difluorobenzene (Surr)	104		70 - 130				03/30/22 10:12	04/01/22 15:26	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			04/01/22 14:41	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			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 00:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/22 09:11	04/03/22 00:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-63

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 09:11	04/03/22 00:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/31/22 09:11	04/03/22 00:33	1
o-Terphenyl	113		70 - 130				03/31/22 09:11	04/03/22 00:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.1		4.97		mg/Kg			04/07/22 22:39	1

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

Lab Sample ID: 880-13049-64

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 15:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 15:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 15:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 15:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 15:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/30/22 10:12	04/01/22 15:47	1
1,4-Difluorobenzene (Surr)	105		70 - 130				03/30/22 10:12	04/01/22 15:47	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 00:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 00:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 00:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				03/31/22 09:11	04/03/22 00:54	1
o-Terphenyl	123		70 - 130				03/31/22 09:11	04/03/22 00:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.4		5.00		mg/Kg			04/07/22 22:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-65

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 16:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 16:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 16:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 16:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 16:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/30/22 10:12	04/01/22 16:08	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:12	04/01/22 16:08	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	03/31/22 09:11	04/03/22 01:14	1
o-Terphenyl	130		70 - 130	03/31/22 09:11	04/03/22 01:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.9		4.98		mg/Kg			04/07/22 22:50	1

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

Lab Sample ID: 880-13049-66

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 16:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 16:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 16:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:12	04/01/22 16:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 16:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:12	04/01/22 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/30/22 10:12	04/01/22 16:29	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:12	04/01/22 16:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-66

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 01:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 01:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				03/31/22 09:11	04/03/22 01:34	1
o-Terphenyl	123		70 - 130				03/31/22 09:11	04/03/22 01:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.6		4.99		mg/Kg			04/07/22 23:07	1

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

Lab Sample ID: 880-13049-67

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		04/02/22 11:00	04/03/22 11:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/02/22 11:00	04/03/22 11:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/02/22 11:00	04/03/22 11:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/02/22 11:00	04/03/22 11:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/02/22 11:00	04/03/22 11:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/02/22 11:00	04/03/22 11:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/02/22 11:00	04/03/22 11:33	1
1,4-Difluorobenzene (Surr)	108		70 - 130				04/02/22 11:00	04/03/22 11:33	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 01:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 01:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-67

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:11	04/03/22 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				03/31/22 09:11	04/03/22 01:54	1
o-Terphenyl	116		70 - 130				03/31/22 09:11	04/03/22 01:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		24.8		mg/Kg			04/07/22 23:12	5

Client Sample ID: S-1 (1')

Lab Sample ID: 880-13049-68

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 17:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 17:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 17:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 17:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 17:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				03/30/22 10:12	04/01/22 17:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/30/22 10:12	04/01/22 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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 02:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 02:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				03/31/22 09:11	04/03/22 02:14	1
o-Terphenyl	118		70 - 130				03/31/22 09:11	04/03/22 02:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3490		49.5		mg/Kg			04/07/22 23:18	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-13049-69

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 17:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:12	04/01/22 17:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:12	04/01/22 17:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/30/22 10:12	04/01/22 17:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 10:12	04/01/22 17:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/30/22 10:12	04/01/22 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/30/22 10:12	04/01/22 17:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/30/22 10:12	04/01/22 17:31	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 02:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/31/22 09:11	04/03/22 02:35	1
o-Terphenyl	117		70 - 130	03/31/22 09:11	04/03/22 02:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3280		49.5		mg/Kg			04/07/22 23:24	10

Client Sample ID: S-1 (3')

Lab Sample ID: 880-13049-70

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 17:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 17:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 17:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 17:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 17:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	03/30/22 10:12	04/01/22 17:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/30/22 10:12	04/01/22 17:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3')

Lab Sample ID: 880-13049-70

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 02:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 02:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				03/31/22 09:11	04/03/22 02:55	1
o-Terphenyl	113		70 - 130				03/31/22 09:11	04/03/22 02:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		25.2		mg/Kg			04/07/22 23:29	5

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

Lab Sample ID: 880-13049-71

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 10:12	04/01/22 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 10:12	04/01/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/30/22 10:12	04/01/22 19:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/30/22 10:12	04/01/22 19:15	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 03:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 03:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-71

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:11	04/03/22 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				03/31/22 09:11	04/03/22 03:36	1
o-Terphenyl	121		70 - 130				03/31/22 09:11	04/03/22 03:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3340		49.9		mg/Kg			04/07/22 23:35	10

Client Sample ID: S-2 (1')

Lab Sample ID: 880-13049-72

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 19:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:12	04/01/22 19:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:12	04/01/22 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				03/30/22 10:12	04/01/22 19:36	1
1,4-Difluorobenzene (Surr)	111		70 - 130				03/30/22 10:12	04/01/22 19:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 03:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 03:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				03/31/22 09:11	04/03/22 03:55	1
o-Terphenyl	113		70 - 130				03/31/22 09:11	04/03/22 03:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		24.9		mg/Kg			04/07/22 23:52	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2')

Lab Sample ID: 880-13049-73

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 19:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:12	04/01/22 19:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 19:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:12	04/01/22 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	03/30/22 10:12	04/01/22 19:57	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/30/22 10:12	04/01/22 19:57	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 04:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 04:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 04:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	03/31/22 09:11	04/03/22 04:16	1
o-Terphenyl	133	S1+	70 - 130	03/31/22 09:11	04/03/22 04:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	884		24.8		mg/Kg			04/07/22 23:57	5

Client Sample ID: S-2 (3')

Lab Sample ID: 880-13049-74

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 20:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 20:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/30/22 10:12	04/01/22 20:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:12	04/01/22 20:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3')

Lab Sample ID: 880-13049-74

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 04:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 04:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				03/31/22 09:11	04/03/22 04:36	1
o-Terphenyl	129		70 - 130				03/31/22 09:11	04/03/22 04:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		5.02		mg/Kg			04/08/22 00:14	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-13049-75

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 20:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:12	04/01/22 20:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:12	04/01/22 20:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 10:12	04/01/22 20:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 10:12	04/01/22 20:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 10:12	04/01/22 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				03/30/22 10:12	04/01/22 20:38	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/30/22 10:12	04/01/22 20:38	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 04:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 04:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (4')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-75

Matrix: Solid

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		03/31/22 09:11	04/03/22 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				03/31/22 09:11	04/03/22 04:56	1
o-Terphenyl	108		70 - 130				03/31/22 09:11	04/03/22 04:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.97		mg/Kg			04/08/22 00:20	1

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-76

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 20:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 20:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 20:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				03/30/22 10:12	04/01/22 20:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/30/22 10:12	04/01/22 20:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 05:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 05:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/31/22 09:11	04/03/22 05:16	1
o-Terphenyl	125		70 - 130				03/31/22 09:11	04/03/22 05:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3920		49.5		mg/Kg			04/08/22 00:25	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-13049-77

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 21:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 21:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 21:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 21:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 10:12	04/01/22 21:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 10:12	04/01/22 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	03/30/22 10:12	04/01/22 21:20	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/30/22 10:12	04/01/22 21:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 05:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 05:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 05:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	03/31/22 09:11	04/03/22 05:36	1
o-Terphenyl	121		70 - 130	03/31/22 09:11	04/03/22 05:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3960		50.1		mg/Kg			04/08/22 00:31	10

Client Sample ID: S-3 (2')

Lab Sample ID: 880-13049-78

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 21:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 21:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 21:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 10:12	04/01/22 21:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 21:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 10:12	04/01/22 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/30/22 10:12	04/01/22 21:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 10:12	04/01/22 21:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (2')

Lab Sample ID: 880-13049-78

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 05:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 05:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 05:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				03/31/22 09:11	04/03/22 05:56	1
o-Terphenyl	123		70 - 130				03/31/22 09:11	04/03/22 05:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		4.98		mg/Kg			04/08/22 00:37	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-13049-79

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 22:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:12	04/01/22 22:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:12	04/01/22 22:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/30/22 10:12	04/01/22 22:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/30/22 10:12	04/01/22 22:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/30/22 10:12	04/01/22 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				03/30/22 10:12	04/01/22 22:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130				03/30/22 10:12	04/01/22 22:02	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 06:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 09:11	04/03/22 06:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (3')

Lab Sample ID: 880-13049-79

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 09:11	04/03/22 06:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				03/31/22 09:11	04/03/22 06:17	1
o-Terphenyl	132	S1+	70 - 130				03/31/22 09:11	04/03/22 06:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.3		4.99		mg/Kg			04/08/22 00:42	1

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

Lab Sample ID: 880-13049-80

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/30/22 10:12	04/01/22 22:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 22:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 22:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 10:12	04/01/22 22:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 22:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 10:12	04/01/22 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				03/30/22 10:12	04/01/22 22:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/30/22 10:12	04/01/22 22:22	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 09:11	04/03/22 06:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 06:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/03/22 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				03/31/22 09:11	04/03/22 06:37	1
o-Terphenyl	114		70 - 130				03/31/22 09:11	04/03/22 06:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	306		5.04		mg/Kg			04/08/22 00:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-13049-81

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 11:00	03/31/22 15:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/31/22 11:00	03/31/22 15:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/31/22 11:00	03/31/22 15:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/31/22 11:00	03/31/22 15:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/31/22 11:00	03/31/22 15:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/31/22 11:00	03/31/22 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/31/22 11:00	03/31/22 15:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/31/22 11:00	03/31/22 15:56	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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:52	03/31/22 11:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 11:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 11:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	03/31/22 08:52	03/31/22 11:35	1
o-Terphenyl	120		70 - 130	03/31/22 08:52	03/31/22 11:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2460		24.9		mg/Kg			04/02/22 01:06	5

Client Sample ID: S-4 (2')

Lab Sample ID: 880-13049-82

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 11:00	03/31/22 16:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 11:00	03/31/22 16:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 11:00	03/31/22 16:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 11:00	03/31/22 16:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 11:00	03/31/22 16:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 11:00	03/31/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/31/22 11:00	03/31/22 16:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/31/22 11:00	03/31/22 16:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (2')

Lab Sample ID: 880-13049-82

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			04/01/22 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/22 15:52	1

Method: 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		03/31/22 08:52	03/31/22 12:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 12:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				03/31/22 08:52	03/31/22 12:38	1
o-Terphenyl	109		70 - 130				03/31/22 08:52	03/31/22 12:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		25.3		mg/Kg			04/02/22 01:15	5

Client Sample ID: S-4 (3')

Lab Sample ID: 880-13049-83

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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		03/31/22 11:00	03/31/22 16:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/31/22 11:00	03/31/22 16:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/31/22 11:00	03/31/22 16:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/31/22 11:00	03/31/22 16:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/31/22 11:00	03/31/22 16:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/31/22 11:00	03/31/22 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/31/22 11:00	03/31/22 16:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/31/22 11:00	03/31/22 16:37	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			04/01/22 14:41	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			03/31/22 15:52	1

Method: 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		03/31/22 08:52	03/31/22 12:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/22 08:52	03/31/22 12:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (3')

Lab Sample ID: 880-13049-83

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/22 08:52	03/31/22 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	03/31/22 08:52	03/31/22 12:59	1
o-Terphenyl	114		70 - 130	03/31/22 08:52	03/31/22 12:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		5.00		mg/Kg			04/02/22 01:24	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
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)
880-13049-1	T-1 (0-1')	110	95
880-13049-1 MS	T-1 (0-1')	101	97
880-13049-1 MSD	T-1 (0-1')	104	101
880-13049-2	T-1 (1')	108	100
880-13049-3	T-1 (2')	105	100
880-13049-4	T-1 (3')	103	99
880-13049-5	T-2 (0-1')	106	99
880-13049-6	T-2 (1')	110	102
880-13049-7	T-2 (2')	114	88
880-13049-8	T-2 (3')	103	90
880-13049-9	T-2 (4')	110	100
880-13049-10	T-3 (0-1')	77	100
880-13049-11	T-3 (1')	86	104
880-13049-12	T-3 (2')	110	102
880-13049-13	T-3 (3')	114	95
880-13049-14	T-3 (4')	107	92
880-13049-15	T-3 (5')	104	100
880-13049-16	T-3 (6')	113	103
880-13049-17	T-4 (0-1')	97	94
880-13049-18	T-4 (1')	115	95
880-13049-19	T-4 (2')	97	95
880-13049-19 MS	T-4 (2')	106	112
880-13049-19 MSD	T-4 (2')	104	111
880-13049-20	T-4 (3')	107	109
880-13049-21	T-5 (0-1')	124	104
880-13049-21 MS	T-5 (0-1')	103	109
880-13049-21 MSD	T-5 (0-1')	109	111
880-13049-22	T-5 (1')	103	107
880-13049-23	T-5 (2')	103	107
880-13049-24	T-5 (3')	107	109
880-13049-25	T-5 (4')	285 S1+	292 S1+
880-13049-26	T-6 (0-1')	107	108
880-13049-27	T-6 (1')	108	109
880-13049-28	T-6 (2')	103	107
880-13049-29	T-6 (3')	108	108
880-13049-30	T-6 (4')	106	107
880-13049-31	T-7 (0-1')	107	109
880-13049-32	T-7 (1')	103	106
880-13049-33	T-7 (2')	109	110
880-13049-34	T-7 (3')	105	107
880-13049-35	T-8 (0-1')	109	109
880-13049-36	T-8 (1')	105	107
880-13049-37	T-8 (2')	109	109
880-13049-38	T-8 (3')	106	107
880-13049-39	T-9 (0-1')	107	107
880-13049-40	T-9 (1')	104	106
880-13049-41	T-9 (2')	108	109
880-13049-41 MS	T-9 (2')	106	110
880-13049-41 MSD	T-9 (2')	110	110

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-13049-1

Project/Site: Moutray SWD

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-13049-42	T-9 (3')	108	107
880-13049-43	T-10 (0-1')	105	106
880-13049-44	T-10 (1')	105	106
880-13049-45	T-10 (2')	105	107
880-13049-46	T-10 (3')	113	99
880-13049-47	T-11 (0-1')	106	107
880-13049-48	T-11 (1')	108	108
880-13049-49	T-11 (2')	87	111
880-13049-50	T-11 (3')	109	108
880-13049-51	T-12 (0-1')	107	108
880-13049-52	T-12 (1')	108	107
880-13049-53	T-12 (2')	107	108
880-13049-54	T-12 (3')	105	106
880-13049-55	H-1 (0-0.5')	107	108
880-13049-56	H-2 (0-0.5')	107	108
880-13049-57	H-3 (0-0.5')	107	108
880-13049-58	H-4 (0-0.5')	105	98
880-13049-59	H-5 (0-0.5')	106	108
880-13049-60	H-6 (0-0.5')	107	107
880-13049-61	H-7 (0-0.5')	107	105
880-13049-61 MS	H-7 (0-0.5')	121	99
880-13049-61 MSD	H-7 (0-0.5')	123	96
880-13049-62	H-8 (0-0.5')	112	104
880-13049-63	H-9 (0-0.5')	114	104
880-13049-64	H-10 (0-0.5')	107	105
880-13049-65	H-11 (0-0.5')	110	108
880-13049-66	H-12 (0-0.5')	112	108
880-13049-67	S-1 (0-1')	103	108
880-13049-68	S-1 (1')	119	99
880-13049-69	S-1 (2')	110	104
880-13049-70	S-1 (3')	136 S1+	99
880-13049-71	S-2 (0-1')	113	98
880-13049-72	S-2 (1')	119	111
880-13049-73	S-2 (2')	121	106
880-13049-74	S-2 (3')	111	108
880-13049-75	S-2 (4')	116	106
880-13049-76	S-3 (0-1')	115	109
880-13049-77	S-3 (1.5')	118	106
880-13049-78	S-3 (2')	116	108
880-13049-79	S-3 (3')	121	110
880-13049-80	S-4 (0-1')	112	95
880-13049-81	S-4 (1.5')	107	109
880-13049-82	S-4 (2')	106	106
880-13049-83	S-4 (3')	107	108
890-2145-A-27-F MS	Matrix Spike	105	111
890-2145-A-27-G MSD	Matrix Spike Duplicate	104	109
LCS 880-22613/1-A	Lab Control Sample	102	112
LCS 880-22620/1-A	Lab Control Sample	102	100
LCS 880-22622/1-A	Lab Control Sample	105	111
LCS 880-22623/1-A	Lab Control Sample	101	110

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Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
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)
LCS 880-22624/1-A	Lab Control Sample	110	105
LCS 880-22703/1-A	Lab Control Sample	97	100
LCS 880-22727/1-A	Lab Control Sample	102	109
LCS 880-22771/1-A	Lab Control Sample	103	112
LCSD 880-22613/2-A	Lab Control Sample Dup	106	113
LCSD 880-22620/2-A	Lab Control Sample Dup	99	101
LCSD 880-22622/2-A	Lab Control Sample Dup	107	110
LCSD 880-22623/2-A	Lab Control Sample Dup	104	110
LCSD 880-22624/2-A	Lab Control Sample Dup	95	103
LCSD 880-22703/2-A	Lab Control Sample Dup	97	101
LCSD 880-22727/2-A	Lab Control Sample Dup	103	109
LCSD 880-22771/2-A	Lab Control Sample Dup	101	110
MB 880-22613/5-A	Method Blank	104	103
MB 880-22620/5-A	Method Blank	99	97
MB 880-22622/5-A	Method Blank	101	103
MB 880-22623/5-A	Method Blank	102	102
MB 880-22624/5-A	Method Blank	123	93
MB 880-22703/5-A	Method Blank	99	96
MB 880-22727/5-A	Method Blank	105	103
MB 880-22759/105	Method Blank	102	102
MB 880-22771/5-A	Method Blank	105	103
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)
880-13049-1	T-1 (0-1')	120	121
880-13049-1 MS	T-1 (0-1')	117	110
880-13049-1 MSD	T-1 (0-1')	104	94
880-13049-2	T-1 (1')	113	112
880-13049-3	T-1 (2')	119	122
880-13049-4	T-1 (3')	63 S1-	118
880-13049-5	T-2 (0-1')	118	119
880-13049-6	T-2 (1')	108	113
880-13049-7	T-2 (2')	123	127
880-13049-8	T-2 (3')	121	124
880-13049-9	T-2 (4')	112	113
880-13049-10	T-3 (0-1')	136 S1+	136 S1+
880-13049-11	T-3 (1')	112	113
880-13049-12	T-3 (2')	123	121
880-13049-13	T-3 (3')	115	114
880-13049-14	T-3 (4')	117	118
880-13049-15	T-3 (5')	127	128
880-13049-16	T-3 (6')	112	112
880-13049-17	T-4 (0-1')	129	131 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-13049-1

Project/Site: Moutray SWD

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-13049-18	T-4 (1')	113	113
880-13049-19	T-4 (2')	132 S1+	134 S1+
880-13049-20	T-4 (3')	129	132 S1+
880-13049-21	T-5 (0-1')	111	115
880-13049-21 MS	T-5 (0-1')	109	99
880-13049-21 MSD	T-5 (0-1')	110	99
880-13049-22	T-5 (1')	110	112
880-13049-23	T-5 (2')	131 S1+	134 S1+
880-13049-24	T-5 (3')	108	109
880-13049-25	T-5 (4')	133 S1+	140 S1+
880-13049-26	T-6 (0-1')	133 S1+	138 S1+
880-13049-27	T-6 (1')	115	117
880-13049-28	T-6 (2')	115	115
880-13049-29	T-6 (3')	115	118
880-13049-30	T-6 (4')	118	120
880-13049-31	T-7 (0-1')	110	112
880-13049-32	T-7 (1')	111	114
880-13049-33	T-7 (2')	114	119
880-13049-34	T-7 (3')	121	125
880-13049-35	T-8 (0-1')	109	114
880-13049-36	T-8 (1')	105	108
880-13049-37	T-8 (2')	108	110
880-13049-38	T-8 (3')	120	124
880-13049-39	T-9 (0-1')	120	121
880-13049-40	T-9 (1')	132 S1+	135 S1+
880-13049-41	T-9 (2')	125	126
880-13049-41 MS	T-9 (2')	110	102
880-13049-41 MSD	T-9 (2')	113	103
880-13049-42	T-9 (3')	130	131 S1+
880-13049-43	T-10 (0-1')	126	125
880-13049-44	T-10 (1')	134 S1+	134 S1+
880-13049-45	T-10 (2')	131 S1+	133 S1+
880-13049-46	T-10 (3')	130	131 S1+
880-13049-47	T-11 (0-1')	122	120
880-13049-48	T-11 (1')	119	116
880-13049-49	T-11 (2')	110	110
880-13049-50	T-11 (3')	130	131 S1+
880-13049-51	T-12 (0-1')	104	102
880-13049-52	T-12 (1')	120	116
880-13049-53	T-12 (2')	125	125
880-13049-54	T-12 (3')	128	128
880-13049-55	H-1 (0-0.5')	109	109
880-13049-56	H-2 (0-0.5')	114	113
880-13049-57	H-3 (0-0.5')	118	119
880-13049-58	H-4 (0-0.5')	120	120
880-13049-59	H-5 (0-0.5')	118	119
880-13049-60	H-6 (0-0.5')	119	121
880-13049-61	H-7 (0-0.5')	130	133 S1+
880-13049-61 MS	H-7 (0-0.5')	118	108
880-13049-61 MSD	H-7 (0-0.5')	114	106

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-13049-1

Project/Site: Moutray SWD

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)
880-13049-62	H-8 (0-0.5')	112	117
880-13049-63	H-9 (0-0.5')	111	113
880-13049-64	H-10 (0-0.5')	122	123
880-13049-65	H-11 (0-0.5')	129	130
880-13049-66	H-12 (0-0.5')	122	123
880-13049-67	S-1 (0-1')	115	116
880-13049-68	S-1 (1')	116	118
880-13049-69	S-1 (2')	115	117
880-13049-70	S-1 (3')	113	113
880-13049-71	S-2 (0-1')	121	121
880-13049-72	S-2 (1')	113	113
880-13049-73	S-2 (2')	132 S1+	133 S1+
880-13049-74	S-2 (3')	129	129
880-13049-75	S-2 (4')	108	108
880-13049-76	S-3 (0-1')	124	125
880-13049-77	S-3 (1.5')	122	121
880-13049-78	S-3 (2')	126	123
880-13049-79	S-3 (3')	130	132 S1+
880-13049-80	S-4 (0-1')	113	114
880-13049-81	S-4 (1.5')	100	120
880-13049-81 MS	S-4 (1.5')	88	98
880-13049-81 MSD	S-4 (1.5')	99	111
880-13049-82	S-4 (2')	93	109
880-13049-83	S-4 (3')	97	114
LCS 880-22697/2-A	Lab Control Sample	127	113
LCS 880-22698/2-A	Lab Control Sample	119	104
LCS 880-22699/2-A	Lab Control Sample	92	84
LCS 880-22701/2-A	Lab Control Sample	102	89
LCSD 880-22697/3-A	Lab Control Sample Dup	133 S1+	111
LCSD 880-22698/3-A	Lab Control Sample Dup	113	101
LCSD 880-22699/3-A	Lab Control Sample Dup	126	110
LCSD 880-22701/3-A	Lab Control Sample Dup	106	94
MB 880-22697/1-A	Method Blank	137 S1+	139 S1+
MB 880-22698/1-A	Method Blank	130	135 S1+
MB 880-22699/1-A	Method Blank	97	100
MB 880-22701/1-A	Method Blank	124	131 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-22691/2-A	Lab Control Sample	110	133 S1+
LCSD 880-22691/3-A	Lab Control Sample Dup	113	140 S1+
MB 880-22691/1-A	Method Blank	112	138 S1+

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Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-22613/5-A

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 10:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 10:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 10:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/31/22 07:30	03/31/22 10:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 10:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/31/22 07:30	03/31/22 10:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/31/22 07:30	03/31/22 10:26	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/31/22 07:30	03/31/22 10:26	1

Lab Sample ID: LCS 880-22613/1-A

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1005		mg/Kg		101	70 - 130
Toluene	0.100	0.09948		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1004		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2087		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-22613/2-A

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09921		mg/Kg		99	70 - 130	1	35
Toluene	0.100	0.09749		mg/Kg		97	70 - 130	2	35
Ethylbenzene	0.100	0.1001		mg/Kg		100	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2082		mg/Kg		104	70 - 130	0	35
o-Xylene	0.100	0.1013		mg/Kg		101	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 890-2145-A-27-F MS

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 22613

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.0996	0.09005		mg/Kg		90	70 - 130
Toluene	0.00281	F1 F2	0.0996	0.08700		mg/Kg		85	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-2145-A-27-F MS

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 22613

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1 F2	0.0996	0.08603		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.199	0.1777		mg/Kg		88	70 - 130
o-Xylene	0.00245	F1 F2	0.0996	0.08670		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 890-2145-A-27-G MSD

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 22613

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.101	0.03291	F1 F2	mg/Kg		32	70 - 130	93	35
Toluene	0.00281	F1 F2	0.101	0.03429	F1 F2	mg/Kg		31	70 - 130	87	35
Ethylbenzene	<0.00201	U F1 F2	0.101	0.03471	F1 F2	mg/Kg		33	70 - 130	85	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.201	0.07523	F1 F2	mg/Kg		36	70 - 130	81	35
o-Xylene	0.00245	F1 F2	0.101	0.04224	F1 F2	mg/Kg		40	70 - 130	69	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-22620/5-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 03:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 03:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 03:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/31/22 13:00	04/01/22 03:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 13:00	04/01/22 03:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/31/22 13:00	04/01/22 03:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/31/22 13:00	04/01/22 03:40	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/31/22 13:00	04/01/22 03:40	1

Lab Sample ID: LCS 880-22620/1-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09431		mg/Kg		94	70 - 130
Toluene	0.100	0.1072		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2267		mg/Kg		113	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-22620/1-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

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

Lab Sample ID: LCSD 880-22620/2-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22620

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09410		mg/Kg		94	70 - 130	0	35
Toluene	0.100	0.1058		mg/Kg		106	70 - 130	1	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2220		mg/Kg		111	70 - 130	2	35
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-13049-1 MS

Matrix: Solid

Analysis Batch: 22729

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

Prep Type: Total/NA

Prep Batch: 22620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.0996	0.05096	F1	mg/Kg		51	70 - 130
Toluene	<0.00201	U F2 F1	0.0996	0.06075	F1	mg/Kg		61	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.0996	0.05943	F1	mg/Kg		60	70 - 130
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.199	0.1205	F1	mg/Kg		60	70 - 130
o-Xylene	<0.00201	U F2 F1	0.0996	0.06096	F1	mg/Kg		61	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-13049-1 MSD

Matrix: Solid

Analysis Batch: 22729

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

Prep Type: Total/NA

Prep Batch: 22620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U F2 F1	0.100	0.1017	F2	mg/Kg		102	70 - 130	66	35
Toluene	<0.00201	U F2 F1	0.100	0.1104	F2	mg/Kg		110	70 - 130	58	35
Ethylbenzene	<0.00201	U F2 F1	0.100	0.1033	F2	mg/Kg		103	70 - 130	54	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.2161	F2	mg/Kg		108	70 - 130	57	35
o-Xylene	<0.00201	U F2 F1	0.100	0.1007	F2	mg/Kg		101	70 - 130	49	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-1 MSD

Matrix: Solid

Analysis Batch: 22729

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

Prep Type: Total/NA

Prep Batch: 22620

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-22622/5-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22622

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 21:55	1	
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 21:55	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 21:55	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/01/22 21:55	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:06	04/01/22 21:55	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:06	04/01/22 21:55	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				03/30/22 10:06	04/01/22 21:55	1	
1,4-Difluorobenzene (Surr)	103		70 - 130				03/30/22 10:06	04/01/22 21:55	1	

Lab Sample ID: LCS 880-22622/1-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22622

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1002		mg/Kg		100	70 - 130			
Toluene	0.100	0.1002		mg/Kg		100	70 - 130			
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130			
m-Xylene & p-Xylene	0.200	0.2115		mg/Kg		106	70 - 130			
o-Xylene	0.100	0.09976		mg/Kg		100	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	105		70 - 130							
1,4-Difluorobenzene (Surr)	111		70 - 130							

Lab Sample ID: LCSD 880-22622/2-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22622

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09251		mg/Kg		93	70 - 130	8	35	
Toluene	0.100	0.09252		mg/Kg		93	70 - 130	8	35	
Ethylbenzene	0.100	0.09396		mg/Kg		94	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.1947		mg/Kg		97	70 - 130	8	35	
o-Xylene	0.100	0.1048		mg/Kg		105	70 - 130	5	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	107		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-22622/2-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22622

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

Lab Sample ID: 880-13049-21 MS

Matrix: Solid

Analysis Batch: 22759

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

Prep Type: Total/NA

Prep Batch: 22622

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.08385		mg/Kg		83	70 - 130	
Toluene	<0.00198	U	0.101	0.08306		mg/Kg		81	70 - 130	
Ethylbenzene	<0.00198	U	0.101	0.08358		mg/Kg		81	70 - 130	
m-Xylene & p-Xylene	0.00412		0.202	0.1707		mg/Kg		82	70 - 130	
o-Xylene	0.00340		0.101	0.08998		mg/Kg		86	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-13049-21 MSD

Matrix: Solid

Analysis Batch: 22759

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

Prep Type: Total/NA

Prep Batch: 22622

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00198	U	0.0994	0.07864		mg/Kg		79	70 - 130	6	35	
Toluene	<0.00198	U	0.0994	0.07821		mg/Kg		77	70 - 130	6	35	
Ethylbenzene	<0.00198	U	0.0994	0.08109		mg/Kg		80	70 - 130	3	35	
m-Xylene & p-Xylene	0.00412		0.199	0.1658		mg/Kg		81	70 - 130	3	35	
o-Xylene	0.00340		0.0994	0.08948		mg/Kg		87	70 - 130	1	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-22623/5-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22623

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 08:51	1	
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 08:51	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 08:51	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:08	04/02/22 08:51	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:08	04/02/22 08:51	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:08	04/02/22 08:51	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	102		70 - 130	03/30/22 10:08	04/02/22 08:51	1				
1,4-Difluorobenzene (Surr)	102		70 - 130	03/30/22 10:08	04/02/22 08:51	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-22623/1-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09510		mg/Kg		95	70 - 130
Toluene	0.100	0.09408		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09500		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1984		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09883		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-22623/2-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09379		mg/Kg		94	70 - 130	1	35
Toluene	0.100	0.09209		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.09326		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1955		mg/Kg		98	70 - 130	1	35
o-Xylene	0.100	0.09717		mg/Kg		97	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-13049-41 MS

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: T-9 (2')

Prep Type: Total/NA

Prep Batch: 22623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.101	0.08084		mg/Kg		80	70 - 130
Toluene	<0.00200	U F1 F2	0.101	0.07884		mg/Kg		78	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.101	0.07855		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.1627		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U F1	0.101	0.08070		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-13049-41 MSD

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: T-9 (2')

Prep Type: Total/NA

Prep Batch: 22623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0998	0.05420	F1 F2	mg/Kg		54	70 - 130	39	35
Toluene	<0.00200	U F1 F2	0.0998	0.05327	F1 F2	mg/Kg		53	70 - 130	39	35
Ethylbenzene	<0.00200	U F1 F2	0.0998	0.05376	F1 F2	mg/Kg		54	70 - 130	37	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-41 MSD

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: T-9 (2')

Prep Type: Total/NA

Prep Batch: 22623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1138	F1	mg/Kg		57	70 - 130	35	35
o-Xylene	<0.00200	U F1	0.0998	0.05898	F1	mg/Kg		59	70 - 130	31	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-22624/5-A

Matrix: Solid

Analysis Batch: 22777

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 14:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 10:12	04/01/22 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 10:12	04/01/22 14:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 10:12	04/01/22 14:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				03/30/22 10:12	04/01/22 14:23	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/30/22 10:12	04/01/22 14:23	1

Lab Sample ID: LCS 880-22624/1-A

Matrix: Solid

Analysis Batch: 22777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1078		mg/Kg		108	70 - 130		
Toluene	0.100	0.09324		mg/Kg		93	70 - 130		
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene	0.200	0.2151		mg/Kg		108	70 - 130		
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	110		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: LCSD 880-22624/2-A

Matrix: Solid

Analysis Batch: 22777

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22624

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09676		mg/Kg		97	70 - 130	11	35
Toluene	0.100	0.08041		mg/Kg		80	70 - 130	15	35
Ethylbenzene	0.100	0.08666		mg/Kg		87	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1815		mg/Kg		91	70 - 130	17	35
o-Xylene	0.100	0.09019		mg/Kg		90	70 - 130	18	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

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

Lab Sample ID: 880-13049-61 MS

Matrix: Solid

Analysis Batch: 22777

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

Prep Type: Total/NA

Prep Batch: 22624

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09386		mg/Kg		94	70 - 130
Toluene	<0.00199	U	0.0996	0.09242		mg/Kg		92	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.1070		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2317		mg/Kg		116	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1139		mg/Kg		114	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-13049-61 MSD

Matrix: Solid

Analysis Batch: 22777

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

Prep Type: Total/NA

Prep Batch: 22624

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.0998	0.08708		mg/Kg		87	70 - 130	7	35
Toluene	<0.00199	U	0.0998	0.08954		mg/Kg		89	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.0998	0.1061		mg/Kg		106	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2329		mg/Kg		117	70 - 130	1	35
o-Xylene	<0.00199	U	0.0998	0.1149		mg/Kg		115	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-22703/5-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 16:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 16:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 16:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/31/22 09:20	03/31/22 16:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 09:20	03/31/22 16:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/31/22 09:20	03/31/22 16:04	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	99		70 - 130	03/31/22 09:20	03/31/22 16:04	1			
1,4-Difluorobenzene (Surr)	96		70 - 130	03/31/22 09:20	03/31/22 16:04	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-22703/1-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09295		mg/Kg		93	70 - 130
Toluene	0.100	0.1054		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1105		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2222		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-22703/2-A

Matrix: Solid

Analysis Batch: 22729

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22703

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09121		mg/Kg		91	70 - 130	2	35
Toluene	0.100	0.1049		mg/Kg		105	70 - 130	0	35
Ethylbenzene	0.100	0.1092		mg/Kg		109	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2198		mg/Kg		110	70 - 130	1	35
o-Xylene	0.100	0.1071		mg/Kg		107	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-22727/5-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22727

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/22 07:45	04/01/22 10:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/01/22 07:45	04/01/22 10:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/01/22 07:45	04/01/22 10:58	1

Lab Sample ID: LCS 880-22727/1-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09423		mg/Kg		94	70 - 130
Toluene	0.100	0.09461		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-22727/1-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.100	0.09788		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2019		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09912		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-22727/2-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22727

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09219		mg/Kg		92	70 - 130	2	35
Toluene	0.100	0.09207		mg/Kg		92	70 - 130	3	35
Ethylbenzene	0.100	0.09579		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1985		mg/Kg		99	70 - 130	2	35
o-Xylene	0.100	0.09655		mg/Kg		97	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-13049-19 MS

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: T-4 (2')

Prep Type: Total/NA

Prep Batch: 22727

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1005		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.0998	0.09910		mg/Kg		98	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1035		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2118		mg/Kg		105	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1035		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-13049-19 MSD

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: T-4 (2')

Prep Type: Total/NA

Prep Batch: 22727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.1111		mg/Kg		112	70 - 130	10	35
Toluene	<0.00200	U	0.0996	0.1103		mg/Kg		110	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0996	0.1148		mg/Kg		114	70 - 130	10	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2348		mg/Kg		117	70 - 130	10	35
o-Xylene	<0.00200	U	0.0996	0.1152		mg/Kg		115	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-22759/105

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/02/22 19:49	1
Toluene	<0.00200	U	0.00200		mg/Kg			04/02/22 19:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/02/22 19:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			04/02/22 19:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/02/22 19:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/02/22 19:49	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130					04/02/22 19:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130					04/02/22 19:49	1

Lab Sample ID: MB 880-22771/5-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22771

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/02/22 11:00	04/03/22 06:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/02/22 11:00	04/03/22 06:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/02/22 11:00	04/03/22 06:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/02/22 11:00	04/03/22 06:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/02/22 11:00	04/03/22 06:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/02/22 11:00	04/03/22 06:42	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/02/22 11:00	04/03/22 06:42	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/02/22 11:00	04/03/22 06:42	1

Lab Sample ID: LCS 880-22771/1-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22771

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.09465		mg/Kg		95	70 - 130		
Toluene	0.100	0.09334		mg/Kg		93	70 - 130		
Ethylbenzene	0.100	0.09485		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene	0.200	0.1967		mg/Kg		98	70 - 130		
o-Xylene	0.100	0.09819		mg/Kg		98	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-22771/2-A

Matrix: Solid

Analysis Batch: 22759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22771

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09116		mg/Kg		91	70 - 130	4	35
Toluene	0.100	0.09031		mg/Kg		90	70 - 130	3	35
Ethylbenzene	0.100	0.09155		mg/Kg		92	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1907		mg/Kg		95	70 - 130	3	35
o-Xylene	0.100	0.09569		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-22691/1-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22691

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		03/31/22 08:52	03/31/22 10:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 10:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 10:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/31/22 08:52	03/31/22 10:33	1
o-Terphenyl	138	S1+	70 - 130	03/31/22 08:52	03/31/22 10:33	1

Lab Sample ID: LCS 880-22691/2-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	913.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1090		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: LCSD 880-22691/3-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	883.4		mg/Kg		88	70 - 130	3	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-22691/3-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	140	S1+	70 - 130						

Lab Sample ID: 880-13049-81 MS

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: S-4 (1.5')

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	848.7		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	784.1		mg/Kg		77	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	98		70 - 130								

Lab Sample ID: 880-13049-81 MSD

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: S-4 (1.5')

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	941.9		mg/Kg		93	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	885.1		mg/Kg		87	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	111		70 - 130								

Lab Sample ID: MB 880-22697/1-A

Matrix: Solid

Analysis Batch: 22689

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22697

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		03/31/22 08:59	03/31/22 10:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 10:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:59	03/31/22 10:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				03/31/22 08:59	03/31/22 10:33	1
o-Terphenyl	139	S1+	70 - 130				03/31/22 08:59	03/31/22 10:33	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-22697/2-A

Matrix: Solid

Analysis Batch: 22689

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22697

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits		
			Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10			1000	995.3		mg/Kg		100		70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1094		mg/Kg		109		70 - 130		
										</		

Lab Sample ID: LCSD 880-22697/3-A

Matrix: Solid

Analysis Batch: 22689

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22697

Appendix B										
Table B-1. Summary of Data for the 2019-2020 Sampling Period										
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	Limit	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1077		mg/Kg		108	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)	1000	1091		mg/Kg		109	70 - 130	0	20	
Table B-2. Summary of Data for the 2021-2022 Sampling Period										
Surrogate	%Recovery	LCSD Qualifier	Limits	Table B-3. Summary of Data for the 2023-2024 Sampling Period						
				Table B-4. Summary of Data for the 2025-2026 Sampling Period						
1-Chlorooctane	133	S1+	70 - 130							
o-Terphenyl	111		70 - 130							

Lab Sample ID: 880-13049-1 MS

Matrix: Solid

Analysis Batch: 22689

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

Prep Type: Total/NA

Prep Batch: 22697

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	944.0		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	998	936.3		mg/Kg		94	70 - 130		

Lab Sample ID: 880-13049-1 MSD

Matrix: Solid

Analysis Batch: 22689

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

Prep Type: Total/NA

Prep Batch: 22697

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	928.0		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	830.5		mg/Kg		83	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	104		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-1 MSD

Matrix: Solid

Analysis Batch: 22689

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

Prep Type: Total/NA

Prep Batch: 22697

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	94		70 - 130

Lab Sample ID: MB 880-22698/1-A

Matrix: Solid

Analysis Batch: 22687

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22698

	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		03/31/22 09:04	03/31/22 10:33	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 10:33	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:04	03/31/22 10:33	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	130		70 - 130				03/31/22 09:04	03/31/22 10:33	1	
<i>o</i> -Terphenyl	135	S1+	70 - 130				03/31/22 09:04	03/31/22 10:33	1	

Lab Sample ID: LCS 880-22698/2-A

Matrix: Solid

Analysis Batch: 22687

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22698

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1196		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1068		mg/Kg		107	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	119		70 - 130							
<i>o</i> -Terphenyl	104		70 - 130							

Lab Sample ID: LCSD 880-22698/3-A

Matrix: Solid

Analysis Batch: 22687

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22698

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1055		mg/Kg		106	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	884.4		mg/Kg		88	70 - 130	19	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	101		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-21 MS

Matrix: Solid

Analysis Batch: 22687

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

Prep Type: Total/NA

Prep Batch: 22698

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	894.5		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	997.0		mg/Kg		97	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	99		70 - 130						

Lab Sample ID: 880-13049-21 MSD

Matrix: Solid

Analysis Batch: 22687

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

Prep Type: Total/NA

Prep Batch: 22698

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	<49.8	U	1000	890.1		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	1025		mg/Kg		100	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	110		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: MB 880-22699/1-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22699

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		03/31/22 09:08	04/02/22 12:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 12:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:08	04/02/22 12:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				03/31/22 09:08	04/02/22 12:30	1
o-Terphenyl	100		70 - 130				03/31/22 09:08	04/02/22 12:30	1

Lab Sample ID: LCS 880-22699/2-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	733.9		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	1000	754.0		mg/Kg		75	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-22699/2-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22699

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: LCSD 880-22699/3-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22699

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	964.5	*1	mg/Kg		96	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	1000	996.5	*1	mg/Kg		100	70 - 130	28	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 880-13049-41 MS

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: T-9 (2')

Prep Type: Total/NA

Prep Batch: 22699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	998	932.5		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U *1	998	908.1		mg/Kg		91	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 880-13049-41 MSD

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: T-9 (2')

Prep Type: Total/NA

Prep Batch: 22699

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	<49.8	U *1	1000	1138		mg/Kg		112	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	<49.8	U *1	1000	937.8		mg/Kg		94	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-22701/1-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22701

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		03/31/22 09:11	04/02/22 22:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/02/22 22:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 09:11	04/02/22 22:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/31/22 09:11	04/02/22 22:08	1
o-Terphenyl	131	S1+	70 - 130				03/31/22 09:11	04/02/22 22:08	1

Lab Sample ID: LCS 880-22701/2-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	945.2		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	976.9		mg/Kg		98	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	102		70 - 130				
o-Terphenyl	89		70 - 130				

Lab Sample ID: LCSD 880-22701/3-A

Matrix: Solid

Analysis Batch: 22851

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	815.8		mg/Kg		82	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	844.6		mg/Kg		84	70 - 130	15	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	106		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-13049-61 MS

Matrix: Solid

Analysis Batch: 22851

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

Prep Type: Total/NA

Prep Batch: 22701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1060		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	997.6		mg/Kg		100	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-61 MS

Matrix: Solid

Analysis Batch: 22851

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

Prep Type: Total/NA

Prep Batch: 22701

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-13049-61 MSD

Matrix: Solid

Analysis Batch: 22851

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

Prep Type: Total/NA

Prep Batch: 22701

	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	<49.8	U	1000	1008		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	999.8		mg/Kg		100	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	106		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-22740/1-A

Matrix: Solid

Analysis Batch: 22756

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			04/01/22 22:55	1	

Lab Sample ID: LCS 880-22740/2-A

Matrix: Solid

Analysis Batch: 22756

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	251.8		mg/Kg		101	90 - 110			

Lab Sample ID: LCSD 880-22740/3-A

Matrix: Solid

Analysis Batch: 22756

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	254.6		mg/Kg		102	90 - 110	1	20	

Lab Sample ID: 880-13049-83 MS

Matrix: Solid

Analysis Batch: 22756

Client Sample ID: S-4 (3')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	276		250	519.4		mg/Kg		97	90 - 110	

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-13049-83 MSD

Matrix: Solid

Analysis Batch: 22756

Client Sample ID: S-4 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	276		250	528.6		mg/Kg		101	90 - 110	2	20

Lab Sample ID: MB 880-22798/1-A

Matrix: Solid

Analysis Batch: 23140

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			04/07/22 20:36	1

Lab Sample ID: LCS 880-22798/2-A

Matrix: Solid

Analysis Batch: 23140

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-22798/3-A

Matrix: Solid

Analysis Batch: 23140

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	255.7		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-13049-1 MS

Matrix: Solid

Analysis Batch: 23140

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2380		1260	3746		mg/Kg		108	90 - 110

Lab Sample ID: 880-13049-1 MSD

Matrix: Solid

Analysis Batch: 23140

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2380		1260	3718		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-13049-11 MS

Matrix: Solid

Analysis Batch: 23140

Client Sample ID: T-3 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	332		250	577.4		mg/Kg		98	90 - 110

Lab Sample ID: 880-13049-11 MSD

Matrix: Solid

Analysis Batch: 23140

Client Sample ID: T-3 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	332		250	580.3		mg/Kg		99	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-22799/1-A

Matrix: Solid

Analysis Batch: 23141

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			04/08/22 01:46	1

Lab Sample ID: LCS 880-22799/2-A

Matrix: Solid

Analysis Batch: 23141

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-22799/3-A

Matrix: Solid

Analysis Batch: 23141

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	257.1		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-13049-21 MS

Matrix: Solid

Analysis Batch: 23141

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	275		249	508.7		mg/Kg		94	90 - 110

Lab Sample ID: 880-13049-21 MSD

Matrix: Solid

Analysis Batch: 23141

Client Sample ID: T-5 (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	275		249	506.0		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 880-13049-31 MS

Matrix: Solid

Analysis Batch: 23141

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	571		248	807.1		mg/Kg		95	90 - 110

Lab Sample ID: 880-13049-31 MSD

Matrix: Solid

Analysis Batch: 23141

Client Sample ID: T-7 (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	571		248	794.9		mg/Kg		90	90 - 110	2	20

Lab Sample ID: MB 880-22800/1-A

Matrix: Solid

Analysis Batch: 23142

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			04/07/22 18:46	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-22800/2-A

Matrix: Solid

Analysis Batch: 23142

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.2		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-22800/3-A

Matrix: Solid

Analysis Batch: 23142

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	247.8		mg/Kg		99	90 - 110	3	20

Lab Sample ID: 880-13049-41 MS

Matrix: Solid

Analysis Batch: 23142

Client Sample ID: T-9 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.7		248	264.1		mg/Kg		100	90 - 110

Lab Sample ID: 880-13049-41 MSD

Matrix: Solid

Analysis Batch: 23142

Client Sample ID: T-9 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.7		248	254.4		mg/Kg		96	90 - 110	4	20

Lab Sample ID: 880-13049-51 MS

Matrix: Solid

Analysis Batch: 23142

Client Sample ID: T-12 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	37.2	F1	250	252.1	F1	mg/Kg		86	90 - 110

Lab Sample ID: 880-13049-51 MSD

Matrix: Solid

Analysis Batch: 23142

Client Sample ID: T-12 (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	37.2	F1	250	259.0	F1	mg/Kg		89	90 - 110	3	20

Lab Sample ID: MB 880-22801/1-A

Matrix: Solid

Analysis Batch: 23144

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			04/07/22 21:59	1

Lab Sample ID: LCS 880-22801/2-A

Matrix: Solid

Analysis Batch: 23144

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.1		mg/Kg		102	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-22801/3-A

Matrix: Solid

Analysis Batch: 23144

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	255.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-13049-61 MS

Matrix: Solid

Analysis Batch: 23144

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	87.1		250	337.2		mg/Kg		100	90 - 110		

Lab Sample ID: 880-13049-61 MSD

Matrix: Solid

Analysis Batch: 23144

Client Sample ID: H-7 (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	87.1		250	346.3		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-13049-71 MS

Matrix: Solid

Analysis Batch: 23144

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3340		2500	5747		mg/Kg		97	90 - 110		

Lab Sample ID: 880-13049-71 MSD

Matrix: Solid

Analysis Batch: 23144

Client Sample ID: S-2 (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	3340		2500	5630		mg/Kg		92	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 22613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-81	S-4 (1.5')	Total/NA	Solid	5035	
880-13049-82	S-4 (2')	Total/NA	Solid	5035	
880-13049-83	S-4 (3')	Total/NA	Solid	5035	
MB 880-22613/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22613/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22613/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2145-A-27-F MS	Matrix Spike	Total/NA	Solid	5035	
890-2145-A-27-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 22620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Total/NA	Solid	5035	
880-13049-2	T-1 (1')	Total/NA	Solid	5035	
880-13049-3	T-1 (2')	Total/NA	Solid	5035	
880-13049-4	T-1 (3')	Total/NA	Solid	5035	
880-13049-5	T-2 (0-1')	Total/NA	Solid	5035	
880-13049-6	T-2 (1')	Total/NA	Solid	5035	
880-13049-7	T-2 (2')	Total/NA	Solid	5035	
880-13049-8	T-2 (3')	Total/NA	Solid	5035	
880-13049-9	T-2 (4')	Total/NA	Solid	5035	
880-13049-10	T-3 (0-1')	Total/NA	Solid	5035	
MB 880-22620/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22620/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22620/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13049-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-13049-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 22622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-21	T-5 (0-1')	Total/NA	Solid	5035	
880-13049-22	T-5 (1')	Total/NA	Solid	5035	
880-13049-23	T-5 (2')	Total/NA	Solid	5035	
880-13049-24	T-5 (3')	Total/NA	Solid	5035	
880-13049-25	T-5 (4')	Total/NA	Solid	5035	
880-13049-26	T-6 (0-1')	Total/NA	Solid	5035	
880-13049-27	T-6 (1')	Total/NA	Solid	5035	
880-13049-28	T-6 (2')	Total/NA	Solid	5035	
880-13049-29	T-6 (3')	Total/NA	Solid	5035	
880-13049-30	T-6 (4')	Total/NA	Solid	5035	
880-13049-31	T-7 (0-1')	Total/NA	Solid	5035	
880-13049-32	T-7 (1')	Total/NA	Solid	5035	
880-13049-33	T-7 (2')	Total/NA	Solid	5035	
880-13049-34	T-7 (3')	Total/NA	Solid	5035	
880-13049-35	T-8 (0-1')	Total/NA	Solid	5035	
880-13049-36	T-8 (1')	Total/NA	Solid	5035	
880-13049-37	T-8 (2')	Total/NA	Solid	5035	
880-13049-38	T-8 (3')	Total/NA	Solid	5035	
880-13049-39	T-9 (0-1')	Total/NA	Solid	5035	
880-13049-40	T-9 (1')	Total/NA	Solid	5035	
MB 880-22622/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22622/1-A	Lab Control Sample	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 22622 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-22622/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13049-21 MS	T-5 (0-1')	Total/NA	Solid	5035	
880-13049-21 MSD	T-5 (0-1')	Total/NA	Solid	5035	

Prep Batch: 22623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-41	T-9 (2')	Total/NA	Solid	5035	
880-13049-42	T-9 (3')	Total/NA	Solid	5035	
880-13049-43	T-10 (0-1')	Total/NA	Solid	5035	
880-13049-44	T-10 (1')	Total/NA	Solid	5035	
880-13049-45	T-10 (2')	Total/NA	Solid	5035	
880-13049-46	T-10 (3')	Total/NA	Solid	5035	
880-13049-47	T-11 (0-1')	Total/NA	Solid	5035	
880-13049-48	T-11 (1')	Total/NA	Solid	5035	
880-13049-49	T-11 (2')	Total/NA	Solid	5035	
880-13049-50	T-11 (3')	Total/NA	Solid	5035	
880-13049-51	T-12 (0-1')	Total/NA	Solid	5035	
880-13049-52	T-12 (1')	Total/NA	Solid	5035	
880-13049-53	T-12 (2')	Total/NA	Solid	5035	
880-13049-54	T-12 (3')	Total/NA	Solid	5035	
880-13049-55	H-1 (0-0.5')	Total/NA	Solid	5035	
880-13049-56	H-2 (0-0.5')	Total/NA	Solid	5035	
880-13049-57	H-3 (0-0.5')	Total/NA	Solid	5035	
880-13049-58	H-4 (0-0.5')	Total/NA	Solid	5035	
880-13049-59	H-5 (0-0.5')	Total/NA	Solid	5035	
880-13049-60	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-22623/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22623/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22623/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13049-41 MS	T-9 (2')	Total/NA	Solid	5035	
880-13049-41 MSD	T-9 (2')	Total/NA	Solid	5035	

Prep Batch: 22624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-61	H-7 (0-0.5')	Total/NA	Solid	5035	
880-13049-62	H-8 (0-0.5')	Total/NA	Solid	5035	
880-13049-63	H-9 (0-0.5')	Total/NA	Solid	5035	
880-13049-64	H-10 (0-0.5')	Total/NA	Solid	5035	
880-13049-65	H-11 (0-0.5')	Total/NA	Solid	5035	
880-13049-66	H-12 (0-0.5')	Total/NA	Solid	5035	
880-13049-68	S-1 (1')	Total/NA	Solid	5035	
880-13049-69	S-1 (2')	Total/NA	Solid	5035	
880-13049-70	S-1 (3')	Total/NA	Solid	5035	
880-13049-71	S-2 (0-1')	Total/NA	Solid	5035	
880-13049-72	S-2 (1')	Total/NA	Solid	5035	
880-13049-73	S-2 (2')	Total/NA	Solid	5035	
880-13049-74	S-2 (3')	Total/NA	Solid	5035	
880-13049-75	S-2 (4')	Total/NA	Solid	5035	
880-13049-76	S-3 (0-1')	Total/NA	Solid	5035	
880-13049-77	S-3 (1.5')	Total/NA	Solid	5035	
880-13049-78	S-3 (2')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 22624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-79	S-3 (3')	Total/NA	Solid	5035	
880-13049-80	S-4 (0-1')	Total/NA	Solid	5035	
MB 880-22624/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22624/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22624/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13049-61 MS	H-7 (0-0.5')	Total/NA	Solid	5035	
880-13049-61 MSD	H-7 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 22684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-81	S-4 (1.5')	Total/NA	Solid	8021B	22613
880-13049-82	S-4 (2')	Total/NA	Solid	8021B	22613
880-13049-83	S-4 (3')	Total/NA	Solid	8021B	22613
MB 880-22613/5-A	Method Blank	Total/NA	Solid	8021B	22613
LCS 880-22613/1-A	Lab Control Sample	Total/NA	Solid	8021B	22613
LCSD 880-22613/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22613
890-2145-A-27-F MS	Matrix Spike	Total/NA	Solid	8021B	22613
890-2145-A-27-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	22613

Prep Batch: 22703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-11	T-3 (1')	Total/NA	Solid	5035	
880-13049-12	T-3 (2')	Total/NA	Solid	5035	
880-13049-13	T-3 (3')	Total/NA	Solid	5035	
880-13049-14	T-3 (4')	Total/NA	Solid	5035	
880-13049-15	T-3 (5')	Total/NA	Solid	5035	
880-13049-16	T-3 (6')	Total/NA	Solid	5035	
880-13049-17	T-4 (0-1')	Total/NA	Solid	5035	
880-13049-18	T-4 (1')	Total/NA	Solid	5035	
MB 880-22703/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22703/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22703/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 22727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-19	T-4 (2')	Total/NA	Solid	5035	
880-13049-20	T-4 (3')	Total/NA	Solid	5035	
MB 880-22727/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22727/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22727/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13049-19 MS	T-4 (2')	Total/NA	Solid	5035	
880-13049-19 MSD	T-4 (2')	Total/NA	Solid	5035	

Analysis Batch: 22729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Total/NA	Solid	8021B	22620
880-13049-2	T-1 (1')	Total/NA	Solid	8021B	22620
880-13049-3	T-1 (2')	Total/NA	Solid	8021B	22620
880-13049-4	T-1 (3')	Total/NA	Solid	8021B	22620
880-13049-5	T-2 (0-1')	Total/NA	Solid	8021B	22620
880-13049-6	T-2 (1')	Total/NA	Solid	8021B	22620

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 22729 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-7	T-2 (2')	Total/NA	Solid	8021B	22620
880-13049-8	T-2 (3')	Total/NA	Solid	8021B	22620
880-13049-9	T-2 (4')	Total/NA	Solid	8021B	22620
880-13049-10	T-3 (0-1')	Total/NA	Solid	8021B	22620
880-13049-11	T-3 (1')	Total/NA	Solid	8021B	22703
880-13049-12	T-3 (2')	Total/NA	Solid	8021B	22703
880-13049-13	T-3 (3')	Total/NA	Solid	8021B	22703
880-13049-14	T-3 (4')	Total/NA	Solid	8021B	22703
880-13049-15	T-3 (5')	Total/NA	Solid	8021B	22703
880-13049-16	T-3 (6')	Total/NA	Solid	8021B	22703
880-13049-17	T-4 (0-1')	Total/NA	Solid	8021B	22703
880-13049-18	T-4 (1')	Total/NA	Solid	8021B	22703
MB 880-22620/5-A	Method Blank	Total/NA	Solid	8021B	22620
MB 880-22703/5-A	Method Blank	Total/NA	Solid	8021B	22703
LCS 880-22620/1-A	Lab Control Sample	Total/NA	Solid	8021B	22620
LCS 880-22703/1-A	Lab Control Sample	Total/NA	Solid	8021B	22703
LCSD 880-22620/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22620
LCSD 880-22703/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22703
880-13049-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	22620
880-13049-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	22620

Analysis Batch: 22759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-19	T-4 (2')	Total/NA	Solid	8021B	22727
880-13049-20	T-4 (3')	Total/NA	Solid	8021B	22727
880-13049-21	T-5 (0-1')	Total/NA	Solid	8021B	22622
880-13049-22	T-5 (1')	Total/NA	Solid	8021B	22622
880-13049-23	T-5 (2')	Total/NA	Solid	8021B	22622
880-13049-24	T-5 (3')	Total/NA	Solid	8021B	22622
880-13049-25	T-5 (4')	Total/NA	Solid	8021B	22622
880-13049-26	T-6 (0-1')	Total/NA	Solid	8021B	22622
880-13049-27	T-6 (1')	Total/NA	Solid	8021B	22622
880-13049-28	T-6 (2')	Total/NA	Solid	8021B	22622
880-13049-29	T-6 (3')	Total/NA	Solid	8021B	22622
880-13049-30	T-6 (4')	Total/NA	Solid	8021B	22622
880-13049-31	T-7 (0-1')	Total/NA	Solid	8021B	22622
880-13049-32	T-7 (1')	Total/NA	Solid	8021B	22622
880-13049-33	T-7 (2')	Total/NA	Solid	8021B	22622
880-13049-34	T-7 (3')	Total/NA	Solid	8021B	22622
880-13049-35	T-8 (0-1')	Total/NA	Solid	8021B	22622
880-13049-36	T-8 (1')	Total/NA	Solid	8021B	22622
880-13049-37	T-8 (2')	Total/NA	Solid	8021B	22622
880-13049-38	T-8 (3')	Total/NA	Solid	8021B	22622
880-13049-39	T-9 (0-1')	Total/NA	Solid	8021B	22622
880-13049-40	T-9 (1')	Total/NA	Solid	8021B	22622
880-13049-41	T-9 (2')	Total/NA	Solid	8021B	22623
880-13049-42	T-9 (3')	Total/NA	Solid	8021B	22623
880-13049-43	T-10 (0-1')	Total/NA	Solid	8021B	22623
880-13049-44	T-10 (1')	Total/NA	Solid	8021B	22623
880-13049-45	T-10 (2')	Total/NA	Solid	8021B	22623
880-13049-46	T-10 (3')	Total/NA	Solid	8021B	22623

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 22759 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-47	T-11 (0-1')	Total/NA	Solid	8021B	22623
880-13049-48	T-11 (1')	Total/NA	Solid	8021B	22623
880-13049-49	T-11 (2')	Total/NA	Solid	8021B	22623
880-13049-50	T-11 (3')	Total/NA	Solid	8021B	22623
880-13049-51	T-12 (0-1')	Total/NA	Solid	8021B	22623
880-13049-52	T-12 (1')	Total/NA	Solid	8021B	22623
880-13049-53	T-12 (2')	Total/NA	Solid	8021B	22623
880-13049-54	T-12 (3')	Total/NA	Solid	8021B	22623
880-13049-55	H-1 (0-0.5')	Total/NA	Solid	8021B	22623
880-13049-56	H-2 (0-0.5')	Total/NA	Solid	8021B	22623
880-13049-57	H-3 (0-0.5')	Total/NA	Solid	8021B	22623
880-13049-58	H-4 (0-0.5')	Total/NA	Solid	8021B	22623
880-13049-59	H-5 (0-0.5')	Total/NA	Solid	8021B	22623
880-13049-60	H-6 (0-0.5')	Total/NA	Solid	8021B	22623
880-13049-67	S-1 (0-1')	Total/NA	Solid	8021B	22771
MB 880-22622/5-A	Method Blank	Total/NA	Solid	8021B	22622
MB 880-22623/5-A	Method Blank	Total/NA	Solid	8021B	22623
MB 880-22727/5-A	Method Blank	Total/NA	Solid	8021B	22727
MB 880-22759/105	Method Blank	Total/NA	Solid	8021B	
MB 880-22771/5-A	Method Blank	Total/NA	Solid	8021B	22771
LCS 880-22622/1-A	Lab Control Sample	Total/NA	Solid	8021B	22622
LCS 880-22623/1-A	Lab Control Sample	Total/NA	Solid	8021B	22623
LCS 880-22727/1-A	Lab Control Sample	Total/NA	Solid	8021B	22727
LCS 880-22771/1-A	Lab Control Sample	Total/NA	Solid	8021B	22771
LCSD 880-22622/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22622
LCSD 880-22623/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22623
LCSD 880-22727/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22727
LCSD 880-22771/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22771
880-13049-19 MS	T-4 (2')	Total/NA	Solid	8021B	22727
880-13049-19 MSD	T-4 (2')	Total/NA	Solid	8021B	22727
880-13049-21 MS	T-5 (0-1')	Total/NA	Solid	8021B	22622
880-13049-21 MSD	T-5 (0-1')	Total/NA	Solid	8021B	22622
880-13049-41 MS	T-9 (2')	Total/NA	Solid	8021B	22623
880-13049-41 MSD	T-9 (2')	Total/NA	Solid	8021B	22623

Prep Batch: 22771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-67	S-1 (0-1')	Total/NA	Solid	5035	
MB 880-22771/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22771/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22771/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 22777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-61	H-7 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-62	H-8 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-63	H-9 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-64	H-10 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-65	H-11 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-66	H-12 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-68	S-1 (1')	Total/NA	Solid	8021B	22624

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 22777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-69	S-1 (2')	Total/NA	Solid	8021B	22624
880-13049-70	S-1 (3')	Total/NA	Solid	8021B	22624
880-13049-71	S-2 (0-1')	Total/NA	Solid	8021B	22624
880-13049-72	S-2 (1')	Total/NA	Solid	8021B	22624
880-13049-73	S-2 (2')	Total/NA	Solid	8021B	22624
880-13049-74	S-2 (3')	Total/NA	Solid	8021B	22624
880-13049-75	S-2 (4')	Total/NA	Solid	8021B	22624
880-13049-76	S-3 (0-1')	Total/NA	Solid	8021B	22624
880-13049-77	S-3 (1.5')	Total/NA	Solid	8021B	22624
880-13049-78	S-3 (2')	Total/NA	Solid	8021B	22624
880-13049-79	S-3 (3')	Total/NA	Solid	8021B	22624
880-13049-80	S-4 (0-1')	Total/NA	Solid	8021B	22624
MB 880-22624/5-A	Method Blank	Total/NA	Solid	8021B	22624
LCS 880-22624/1-A	Lab Control Sample	Total/NA	Solid	8021B	22624
LCSD 880-22624/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22624
880-13049-61 MS	H-7 (0-0.5')	Total/NA	Solid	8021B	22624
880-13049-61 MSD	H-7 (0-0.5')	Total/NA	Solid	8021B	22624

Analysis Batch: 22817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-13049-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-13049-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-13049-5	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-6	T-2 (1')	Total/NA	Solid	Total BTEX	
880-13049-7	T-2 (2')	Total/NA	Solid	Total BTEX	
880-13049-8	T-2 (3')	Total/NA	Solid	Total BTEX	
880-13049-9	T-2 (4')	Total/NA	Solid	Total BTEX	
880-13049-10	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-11	T-3 (1')	Total/NA	Solid	Total BTEX	
880-13049-12	T-3 (2')	Total/NA	Solid	Total BTEX	
880-13049-13	T-3 (3')	Total/NA	Solid	Total BTEX	
880-13049-14	T-3 (4')	Total/NA	Solid	Total BTEX	
880-13049-15	T-3 (5')	Total/NA	Solid	Total BTEX	
880-13049-16	T-3 (6')	Total/NA	Solid	Total BTEX	
880-13049-17	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-18	T-4 (1')	Total/NA	Solid	Total BTEX	
880-13049-19	T-4 (2')	Total/NA	Solid	Total BTEX	
880-13049-20	T-4 (3')	Total/NA	Solid	Total BTEX	
880-13049-21	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-22	T-5 (1')	Total/NA	Solid	Total BTEX	
880-13049-23	T-5 (2')	Total/NA	Solid	Total BTEX	
880-13049-24	T-5 (3')	Total/NA	Solid	Total BTEX	
880-13049-25	T-5 (4')	Total/NA	Solid	Total BTEX	
880-13049-26	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-27	T-6 (1')	Total/NA	Solid	Total BTEX	
880-13049-28	T-6 (2')	Total/NA	Solid	Total BTEX	
880-13049-29	T-6 (3')	Total/NA	Solid	Total BTEX	
880-13049-30	T-6 (4')	Total/NA	Solid	Total BTEX	
880-13049-31	T-7 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 22817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-32	T-7 (1')	Total/NA	Solid	Total BTEX	
880-13049-33	T-7 (2')	Total/NA	Solid	Total BTEX	
880-13049-34	T-7 (3')	Total/NA	Solid	Total BTEX	
880-13049-35	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-36	T-8 (1')	Total/NA	Solid	Total BTEX	
880-13049-37	T-8 (2')	Total/NA	Solid	Total BTEX	
880-13049-38	T-8 (3')	Total/NA	Solid	Total BTEX	
880-13049-39	T-9 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-40	T-9 (1')	Total/NA	Solid	Total BTEX	
880-13049-41	T-9 (2')	Total/NA	Solid	Total BTEX	
880-13049-42	T-9 (3')	Total/NA	Solid	Total BTEX	
880-13049-43	T-10 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-44	T-10 (1')	Total/NA	Solid	Total BTEX	
880-13049-45	T-10 (2')	Total/NA	Solid	Total BTEX	
880-13049-46	T-10 (3')	Total/NA	Solid	Total BTEX	
880-13049-47	T-11 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-48	T-11 (1')	Total/NA	Solid	Total BTEX	
880-13049-49	T-11 (2')	Total/NA	Solid	Total BTEX	
880-13049-50	T-11 (3')	Total/NA	Solid	Total BTEX	
880-13049-51	T-12 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-52	T-12 (1')	Total/NA	Solid	Total BTEX	
880-13049-53	T-12 (2')	Total/NA	Solid	Total BTEX	
880-13049-54	T-12 (3')	Total/NA	Solid	Total BTEX	
880-13049-55	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-56	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-57	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-58	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-59	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-60	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-61	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-62	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-63	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-64	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-65	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-66	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-13049-67	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-68	S-1 (1')	Total/NA	Solid	Total BTEX	
880-13049-69	S-1 (2')	Total/NA	Solid	Total BTEX	
880-13049-70	S-1 (3')	Total/NA	Solid	Total BTEX	
880-13049-71	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-72	S-2 (1')	Total/NA	Solid	Total BTEX	
880-13049-73	S-2 (2')	Total/NA	Solid	Total BTEX	
880-13049-74	S-2 (3')	Total/NA	Solid	Total BTEX	
880-13049-75	S-2 (4')	Total/NA	Solid	Total BTEX	
880-13049-76	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-77	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-13049-78	S-3 (2')	Total/NA	Solid	Total BTEX	
880-13049-79	S-3 (3')	Total/NA	Solid	Total BTEX	
880-13049-80	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-13049-81	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-13049-82	S-4 (2')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 22817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-83	S-4 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 22685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-81	S-4 (1.5')	Total/NA	Solid	8015B NM	22691
880-13049-82	S-4 (2')	Total/NA	Solid	8015B NM	22691
880-13049-83	S-4 (3')	Total/NA	Solid	8015B NM	22691
MB 880-22691/1-A	Method Blank	Total/NA	Solid	8015B NM	22691
LCS 880-22691/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22691
LCSD 880-22691/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22691
880-13049-81 MS	S-4 (1.5')	Total/NA	Solid	8015B NM	22691
880-13049-81 MSD	S-4 (1.5')	Total/NA	Solid	8015B NM	22691

Analysis Batch: 22687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-21	T-5 (0-1')	Total/NA	Solid	8015B NM	22698
880-13049-22	T-5 (1')	Total/NA	Solid	8015B NM	22698
880-13049-23	T-5 (2')	Total/NA	Solid	8015B NM	22698
880-13049-24	T-5 (3')	Total/NA	Solid	8015B NM	22698
880-13049-25	T-5 (4')	Total/NA	Solid	8015B NM	22698
880-13049-26	T-6 (0-1')	Total/NA	Solid	8015B NM	22698
880-13049-27	T-6 (1')	Total/NA	Solid	8015B NM	22698
880-13049-28	T-6 (2')	Total/NA	Solid	8015B NM	22698
880-13049-29	T-6 (3')	Total/NA	Solid	8015B NM	22698
880-13049-30	T-6 (4')	Total/NA	Solid	8015B NM	22698
880-13049-31	T-7 (0-1')	Total/NA	Solid	8015B NM	22698
880-13049-32	T-7 (1')	Total/NA	Solid	8015B NM	22698
880-13049-33	T-7 (2')	Total/NA	Solid	8015B NM	22698
880-13049-34	T-7 (3')	Total/NA	Solid	8015B NM	22698
880-13049-35	T-8 (0-1')	Total/NA	Solid	8015B NM	22698
880-13049-36	T-8 (1')	Total/NA	Solid	8015B NM	22698
880-13049-37	T-8 (2')	Total/NA	Solid	8015B NM	22698
880-13049-38	T-8 (3')	Total/NA	Solid	8015B NM	22698
880-13049-39	T-9 (0-1')	Total/NA	Solid	8015B NM	22698
880-13049-40	T-9 (1')	Total/NA	Solid	8015B NM	22698
MB 880-22698/1-A	Method Blank	Total/NA	Solid	8015B NM	22698
LCS 880-22698/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22698
LCSD 880-22698/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22698
880-13049-21 MS	T-5 (0-1')	Total/NA	Solid	8015B NM	22698
880-13049-21 MSD	T-5 (0-1')	Total/NA	Solid	8015B NM	22698

Analysis Batch: 22689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Total/NA	Solid	8015B NM	22697
880-13049-2	T-1 (1')	Total/NA	Solid	8015B NM	22697
880-13049-3	T-1 (2')	Total/NA	Solid	8015B NM	22697
880-13049-4	T-1 (3')	Total/NA	Solid	8015B NM	22697
880-13049-5	T-2 (0-1')	Total/NA	Solid	8015B NM	22697
880-13049-6	T-2 (1')	Total/NA	Solid	8015B NM	22697

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 22689 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-7	T-2 (2')	Total/NA	Solid	8015B NM	22697
880-13049-8	T-2 (3')	Total/NA	Solid	8015B NM	22697
880-13049-9	T-2 (4')	Total/NA	Solid	8015B NM	22697
880-13049-10	T-3 (0-1')	Total/NA	Solid	8015B NM	22697
880-13049-11	T-3 (1')	Total/NA	Solid	8015B NM	22697
880-13049-12	T-3 (2')	Total/NA	Solid	8015B NM	22697
880-13049-13	T-3 (3')	Total/NA	Solid	8015B NM	22697
880-13049-14	T-3 (4')	Total/NA	Solid	8015B NM	22697
880-13049-15	T-3 (5')	Total/NA	Solid	8015B NM	22697
880-13049-16	T-3 (6')	Total/NA	Solid	8015B NM	22697
880-13049-17	T-4 (0-1')	Total/NA	Solid	8015B NM	22697
880-13049-18	T-4 (1')	Total/NA	Solid	8015B NM	22697
880-13049-19	T-4 (2')	Total/NA	Solid	8015B NM	22697
880-13049-20	T-4 (3')	Total/NA	Solid	8015B NM	22697
MB 880-22697/1-A	Method Blank	Total/NA	Solid	8015B NM	22697
LCS 880-22697/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22697
LCSD 880-22697/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22697
880-13049-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	22697
880-13049-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	22697

Prep Batch: 22691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-81	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-13049-82	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-13049-83	S-4 (3')	Total/NA	Solid	8015NM Prep	
MB 880-22691/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22691/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22691/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13049-81 MS	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-13049-81 MSD	S-4 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 22697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-13049-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-13049-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-13049-5	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-6	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-13049-7	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-13049-8	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-13049-9	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-13049-10	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-11	T-3 (1')	Total/NA	Solid	8015NM Prep	
880-13049-12	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-13049-13	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-13049-14	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-13049-15	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-13049-16	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-13049-17	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-18	T-4 (1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 22697 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-19	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-13049-20	T-4 (3')	Total/NA	Solid	8015NM Prep	
MB 880-22697/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22697/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22697/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13049-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 22698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-21	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-22	T-5 (1')	Total/NA	Solid	8015NM Prep	
880-13049-23	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-13049-24	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-13049-25	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-13049-26	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-27	T-6 (1')	Total/NA	Solid	8015NM Prep	
880-13049-28	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-13049-29	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-13049-30	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-13049-31	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-32	T-7 (1')	Total/NA	Solid	8015NM Prep	
880-13049-33	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-13049-34	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-13049-35	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-36	T-8 (1')	Total/NA	Solid	8015NM Prep	
880-13049-37	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-13049-38	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-13049-39	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-40	T-9 (1')	Total/NA	Solid	8015NM Prep	
MB 880-22698/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22698/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22698/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13049-21 MS	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-21 MSD	T-5 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 22699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-41	T-9 (2')	Total/NA	Solid	8015NM Prep	
880-13049-42	T-9 (3')	Total/NA	Solid	8015NM Prep	
880-13049-43	T-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-44	T-10 (1')	Total/NA	Solid	8015NM Prep	
880-13049-45	T-10 (2')	Total/NA	Solid	8015NM Prep	
880-13049-46	T-10 (3')	Total/NA	Solid	8015NM Prep	
880-13049-47	T-11 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-48	T-11 (1')	Total/NA	Solid	8015NM Prep	
880-13049-49	T-11 (2')	Total/NA	Solid	8015NM Prep	
880-13049-50	T-11 (3')	Total/NA	Solid	8015NM Prep	
880-13049-51	T-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-52	T-12 (1')	Total/NA	Solid	8015NM Prep	
880-13049-53	T-12 (2')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 22699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-54	T-12 (3')	Total/NA	Solid	8015NM Prep	
880-13049-55	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-56	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-57	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-58	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-59	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-60	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-22699/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22699/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22699/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13049-41 MS	T-9 (2')	Total/NA	Solid	8015NM Prep	
880-13049-41 MSD	T-9 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 22701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-61	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-62	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-63	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-64	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-65	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-66	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-67	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-68	S-1 (1')	Total/NA	Solid	8015NM Prep	
880-13049-69	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-13049-70	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-13049-71	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-72	S-2 (1')	Total/NA	Solid	8015NM Prep	
880-13049-73	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-13049-74	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-13049-75	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-13049-76	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-13049-77	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-13049-78	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-13049-79	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-13049-80	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-22701/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22701/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13049-61 MS	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-13049-61 MSD	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 22744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-13049-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-13049-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-13049-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-13049-5	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-13049-6	T-2 (1')	Total/NA	Solid	8015 NM	
880-13049-7	T-2 (2')	Total/NA	Solid	8015 NM	
880-13049-8	T-2 (3')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 22744 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-9	T-2 (4')	Total/NA	Solid	8015 NM	
880-13049-10	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-13049-11	T-3 (1')	Total/NA	Solid	8015 NM	
880-13049-12	T-3 (2')	Total/NA	Solid	8015 NM	
880-13049-13	T-3 (3')	Total/NA	Solid	8015 NM	
880-13049-14	T-3 (4')	Total/NA	Solid	8015 NM	
880-13049-15	T-3 (5')	Total/NA	Solid	8015 NM	
880-13049-16	T-3 (6')	Total/NA	Solid	8015 NM	
880-13049-17	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-13049-18	T-4 (1')	Total/NA	Solid	8015 NM	
880-13049-19	T-4 (2')	Total/NA	Solid	8015 NM	
880-13049-20	T-4 (3')	Total/NA	Solid	8015 NM	
880-13049-21	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-13049-22	T-5 (1')	Total/NA	Solid	8015 NM	
880-13049-23	T-5 (2')	Total/NA	Solid	8015 NM	
880-13049-24	T-5 (3')	Total/NA	Solid	8015 NM	
880-13049-25	T-5 (4')	Total/NA	Solid	8015 NM	
880-13049-26	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-13049-27	T-6 (1')	Total/NA	Solid	8015 NM	
880-13049-28	T-6 (2')	Total/NA	Solid	8015 NM	
880-13049-29	T-6 (3')	Total/NA	Solid	8015 NM	
880-13049-30	T-6 (4')	Total/NA	Solid	8015 NM	
880-13049-31	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-13049-32	T-7 (1')	Total/NA	Solid	8015 NM	
880-13049-33	T-7 (2')	Total/NA	Solid	8015 NM	
880-13049-34	T-7 (3')	Total/NA	Solid	8015 NM	
880-13049-35	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-13049-36	T-8 (1')	Total/NA	Solid	8015 NM	
880-13049-37	T-8 (2')	Total/NA	Solid	8015 NM	
880-13049-38	T-8 (3')	Total/NA	Solid	8015 NM	
880-13049-39	T-9 (0-1')	Total/NA	Solid	8015 NM	
880-13049-40	T-9 (1')	Total/NA	Solid	8015 NM	
880-13049-41	T-9 (2')	Total/NA	Solid	8015 NM	
880-13049-42	T-9 (3')	Total/NA	Solid	8015 NM	
880-13049-43	T-10 (0-1')	Total/NA	Solid	8015 NM	
880-13049-44	T-10 (1')	Total/NA	Solid	8015 NM	
880-13049-45	T-10 (2')	Total/NA	Solid	8015 NM	
880-13049-46	T-10 (3')	Total/NA	Solid	8015 NM	
880-13049-47	T-11 (0-1')	Total/NA	Solid	8015 NM	
880-13049-48	T-11 (1')	Total/NA	Solid	8015 NM	
880-13049-49	T-11 (2')	Total/NA	Solid	8015 NM	
880-13049-50	T-11 (3')	Total/NA	Solid	8015 NM	
880-13049-51	T-12 (0-1')	Total/NA	Solid	8015 NM	
880-13049-52	T-12 (1')	Total/NA	Solid	8015 NM	
880-13049-53	T-12 (2')	Total/NA	Solid	8015 NM	
880-13049-54	T-12 (3')	Total/NA	Solid	8015 NM	
880-13049-55	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-56	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-57	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-58	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-59	H-5 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 22744 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-60	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-61	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-62	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-63	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-64	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-65	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-66	H-12 (0-0.5')	Total/NA	Solid	8015 NM	
880-13049-67	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-13049-68	S-1 (1')	Total/NA	Solid	8015 NM	
880-13049-69	S-1 (2')	Total/NA	Solid	8015 NM	
880-13049-70	S-1 (3')	Total/NA	Solid	8015 NM	
880-13049-71	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-13049-72	S-2 (1')	Total/NA	Solid	8015 NM	
880-13049-73	S-2 (2')	Total/NA	Solid	8015 NM	
880-13049-74	S-2 (3')	Total/NA	Solid	8015 NM	
880-13049-75	S-2 (4')	Total/NA	Solid	8015 NM	
880-13049-76	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-13049-77	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-13049-78	S-3 (2')	Total/NA	Solid	8015 NM	
880-13049-79	S-3 (3')	Total/NA	Solid	8015 NM	
880-13049-80	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-13049-81	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-13049-82	S-4 (2')	Total/NA	Solid	8015 NM	
880-13049-83	S-4 (3')	Total/NA	Solid	8015 NM	

Analysis Batch: 22851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-41	T-9 (2')	Total/NA	Solid	8015B NM	22699
880-13049-42	T-9 (3')	Total/NA	Solid	8015B NM	22699
880-13049-43	T-10 (0-1')	Total/NA	Solid	8015B NM	22699
880-13049-44	T-10 (1')	Total/NA	Solid	8015B NM	22699
880-13049-45	T-10 (2')	Total/NA	Solid	8015B NM	22699
880-13049-46	T-10 (3')	Total/NA	Solid	8015B NM	22699
880-13049-47	T-11 (0-1')	Total/NA	Solid	8015B NM	22699
880-13049-48	T-11 (1')	Total/NA	Solid	8015B NM	22699
880-13049-49	T-11 (2')	Total/NA	Solid	8015B NM	22699
880-13049-50	T-11 (3')	Total/NA	Solid	8015B NM	22699
880-13049-51	T-12 (0-1')	Total/NA	Solid	8015B NM	22699
880-13049-52	T-12 (1')	Total/NA	Solid	8015B NM	22699
880-13049-53	T-12 (2')	Total/NA	Solid	8015B NM	22699
880-13049-54	T-12 (3')	Total/NA	Solid	8015B NM	22699
880-13049-55	H-1 (0-0.5')	Total/NA	Solid	8015B NM	22699
880-13049-56	H-2 (0-0.5')	Total/NA	Solid	8015B NM	22699
880-13049-57	H-3 (0-0.5')	Total/NA	Solid	8015B NM	22699
880-13049-58	H-4 (0-0.5')	Total/NA	Solid	8015B NM	22699
880-13049-59	H-5 (0-0.5')	Total/NA	Solid	8015B NM	22699
880-13049-60	H-6 (0-0.5')	Total/NA	Solid	8015B NM	22699
880-13049-61	H-7 (0-0.5')	Total/NA	Solid	8015B NM	22701
880-13049-62	H-8 (0-0.5')	Total/NA	Solid	8015B NM	22701
880-13049-63	H-9 (0-0.5')	Total/NA	Solid	8015B NM	22701
880-13049-64	H-10 (0-0.5')	Total/NA	Solid	8015B NM	22701

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 22851 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-65	H-11 (0-0.5')	Total/NA	Solid	8015B NM	22701
880-13049-66	H-12 (0-0.5')	Total/NA	Solid	8015B NM	22701
880-13049-67	S-1 (0-1')	Total/NA	Solid	8015B NM	22701
880-13049-68	S-1 (1')	Total/NA	Solid	8015B NM	22701
880-13049-69	S-1 (2')	Total/NA	Solid	8015B NM	22701
880-13049-70	S-1 (3')	Total/NA	Solid	8015B NM	22701
880-13049-71	S-2 (0-1')	Total/NA	Solid	8015B NM	22701
880-13049-72	S-2 (1')	Total/NA	Solid	8015B NM	22701
880-13049-73	S-2 (2')	Total/NA	Solid	8015B NM	22701
880-13049-74	S-2 (3')	Total/NA	Solid	8015B NM	22701
880-13049-75	S-2 (4')	Total/NA	Solid	8015B NM	22701
880-13049-76	S-3 (0-1')	Total/NA	Solid	8015B NM	22701
880-13049-77	S-3 (1.5')	Total/NA	Solid	8015B NM	22701
880-13049-78	S-3 (2')	Total/NA	Solid	8015B NM	22701
880-13049-79	S-3 (3')	Total/NA	Solid	8015B NM	22701
880-13049-80	S-4 (0-1')	Total/NA	Solid	8015B NM	22701
MB 880-22699/1-A	Method Blank	Total/NA	Solid	8015B NM	22699
MB 880-22701/1-A	Method Blank	Total/NA	Solid	8015B NM	22701
LCS 880-22699/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22699
LCS 880-22701/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22701
LCSD 880-22699/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22699
LCSD 880-22701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22701
880-13049-41 MS	T-9 (2')	Total/NA	Solid	8015B NM	22699
880-13049-41 MSD	T-9 (2')	Total/NA	Solid	8015B NM	22699
880-13049-61 MS	H-7 (0-0.5')	Total/NA	Solid	8015B NM	22701
880-13049-61 MSD	H-7 (0-0.5')	Total/NA	Solid	8015B NM	22701

HPLC/IC

Leach Batch: 22740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-81	S-4 (1.5')	Soluble	Solid	DI Leach	
880-13049-82	S-4 (2')	Soluble	Solid	DI Leach	
880-13049-83	S-4 (3')	Soluble	Solid	DI Leach	
MB 880-22740/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22740/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22740/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13049-83 MS	S-4 (3')	Soluble	Solid	DI Leach	
880-13049-83 MSD	S-4 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 22756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-81	S-4 (1.5')	Soluble	Solid	300.0	22740
880-13049-82	S-4 (2')	Soluble	Solid	300.0	22740
880-13049-83	S-4 (3')	Soluble	Solid	300.0	22740
MB 880-22740/1-A	Method Blank	Soluble	Solid	300.0	22740
LCS 880-22740/2-A	Lab Control Sample	Soluble	Solid	300.0	22740
LCSD 880-22740/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22740
880-13049-83 MS	S-4 (3')	Soluble	Solid	300.0	22740
880-13049-83 MSD	S-4 (3')	Soluble	Solid	300.0	22740

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 22798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-13049-2	T-1 (1')	Soluble	Solid	DI Leach	
880-13049-3	T-1 (2')	Soluble	Solid	DI Leach	
880-13049-4	T-1 (3')	Soluble	Solid	DI Leach	
880-13049-5	T-2 (0-1')	Soluble	Solid	DI Leach	
880-13049-6	T-2 (1')	Soluble	Solid	DI Leach	
880-13049-7	T-2 (2')	Soluble	Solid	DI Leach	
880-13049-8	T-2 (3')	Soluble	Solid	DI Leach	
880-13049-9	T-2 (4')	Soluble	Solid	DI Leach	
880-13049-10	T-3 (0-1')	Soluble	Solid	DI Leach	
880-13049-11	T-3 (1')	Soluble	Solid	DI Leach	
880-13049-12	T-3 (2')	Soluble	Solid	DI Leach	
880-13049-13	T-3 (3')	Soluble	Solid	DI Leach	
880-13049-14	T-3 (4')	Soluble	Solid	DI Leach	
880-13049-15	T-3 (5')	Soluble	Solid	DI Leach	
880-13049-16	T-3 (6')	Soluble	Solid	DI Leach	
880-13049-17	T-4 (0-1')	Soluble	Solid	DI Leach	
880-13049-18	T-4 (1')	Soluble	Solid	DI Leach	
880-13049-19	T-4 (2')	Soluble	Solid	DI Leach	
880-13049-20	T-4 (3')	Soluble	Solid	DI Leach	
MB 880-22798/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22798/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22798/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13049-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-13049-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-13049-11 MS	T-3 (1')	Soluble	Solid	DI Leach	
880-13049-11 MSD	T-3 (1')	Soluble	Solid	DI Leach	

Leach Batch: 22799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-21	T-5 (0-1')	Soluble	Solid	DI Leach	
880-13049-22	T-5 (1')	Soluble	Solid	DI Leach	
880-13049-23	T-5 (2')	Soluble	Solid	DI Leach	
880-13049-24	T-5 (3')	Soluble	Solid	DI Leach	
880-13049-25	T-5 (4')	Soluble	Solid	DI Leach	
880-13049-26	T-6 (0-1')	Soluble	Solid	DI Leach	
880-13049-27	T-6 (1')	Soluble	Solid	DI Leach	
880-13049-28	T-6 (2')	Soluble	Solid	DI Leach	
880-13049-29	T-6 (3')	Soluble	Solid	DI Leach	
880-13049-30	T-6 (4')	Soluble	Solid	DI Leach	
880-13049-31	T-7 (0-1')	Soluble	Solid	DI Leach	
880-13049-32	T-7 (1')	Soluble	Solid	DI Leach	
880-13049-33	T-7 (2')	Soluble	Solid	DI Leach	
880-13049-34	T-7 (3')	Soluble	Solid	DI Leach	
880-13049-35	T-8 (0-1')	Soluble	Solid	DI Leach	
880-13049-36	T-8 (1')	Soluble	Solid	DI Leach	
880-13049-37	T-8 (2')	Soluble	Solid	DI Leach	
880-13049-38	T-8 (3')	Soluble	Solid	DI Leach	
880-13049-39	T-9 (0-1')	Soluble	Solid	DI Leach	
880-13049-40	T-9 (1')	Soluble	Solid	DI Leach	
MB 880-22799/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 22799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-22799/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22799/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13049-21 MS	T-5 (0-1')	Soluble	Solid	DI Leach	
880-13049-21 MSD	T-5 (0-1')	Soluble	Solid	DI Leach	
880-13049-31 MS	T-7 (0-1')	Soluble	Solid	DI Leach	
880-13049-31 MSD	T-7 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 22800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-41	T-9 (2')	Soluble	Solid	DI Leach	
880-13049-42	T-9 (3')	Soluble	Solid	DI Leach	
880-13049-43	T-10 (0-1')	Soluble	Solid	DI Leach	
880-13049-44	T-10 (1')	Soluble	Solid	DI Leach	
880-13049-45	T-10 (2')	Soluble	Solid	DI Leach	
880-13049-46	T-10 (3')	Soluble	Solid	DI Leach	
880-13049-47	T-11 (0-1')	Soluble	Solid	DI Leach	
880-13049-48	T-11 (1')	Soluble	Solid	DI Leach	
880-13049-49	T-11 (2')	Soluble	Solid	DI Leach	
880-13049-50	T-11 (3')	Soluble	Solid	DI Leach	
880-13049-51	T-12 (0-1')	Soluble	Solid	DI Leach	
880-13049-52	T-12 (1')	Soluble	Solid	DI Leach	
880-13049-53	T-12 (2')	Soluble	Solid	DI Leach	
880-13049-54	T-12 (3')	Soluble	Solid	DI Leach	
880-13049-55	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-56	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-57	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-58	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-59	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-60	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-22800/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22800/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22800/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13049-41 MS	T-9 (2')	Soluble	Solid	DI Leach	
880-13049-41 MSD	T-9 (2')	Soluble	Solid	DI Leach	
880-13049-51 MS	T-12 (0-1')	Soluble	Solid	DI Leach	
880-13049-51 MSD	T-12 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 22801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-61	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-62	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-63	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-64	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-65	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-66	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-67	S-1 (0-1')	Soluble	Solid	DI Leach	
880-13049-68	S-1 (1')	Soluble	Solid	DI Leach	
880-13049-69	S-1 (2')	Soluble	Solid	DI Leach	
880-13049-70	S-1 (3')	Soluble	Solid	DI Leach	
880-13049-71	S-2 (0-1')	Soluble	Solid	DI Leach	
880-13049-72	S-2 (1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 22801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-73	S-2 (2')	Soluble	Solid	DI Leach	
880-13049-74	S-2 (3')	Soluble	Solid	DI Leach	
880-13049-75	S-2 (4')	Soluble	Solid	DI Leach	
880-13049-76	S-3 (0-1')	Soluble	Solid	DI Leach	
880-13049-77	S-3 (1.5')	Soluble	Solid	DI Leach	
880-13049-78	S-3 (2')	Soluble	Solid	DI Leach	
880-13049-79	S-3 (3')	Soluble	Solid	DI Leach	
880-13049-80	S-4 (0-1')	Soluble	Solid	DI Leach	
MB 880-22801/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22801/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22801/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13049-61 MS	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-61 MSD	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-13049-71 MS	S-2 (0-1')	Soluble	Solid	DI Leach	
880-13049-71 MSD	S-2 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 23140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-1	T-1 (0-1')	Soluble	Solid	300.0	22798
880-13049-2	T-1 (1')	Soluble	Solid	300.0	22798
880-13049-3	T-1 (2')	Soluble	Solid	300.0	22798
880-13049-4	T-1 (3')	Soluble	Solid	300.0	22798
880-13049-5	T-2 (0-1')	Soluble	Solid	300.0	22798
880-13049-6	T-2 (1')	Soluble	Solid	300.0	22798
880-13049-7	T-2 (2')	Soluble	Solid	300.0	22798
880-13049-8	T-2 (3')	Soluble	Solid	300.0	22798
880-13049-9	T-2 (4')	Soluble	Solid	300.0	22798
880-13049-10	T-3 (0-1')	Soluble	Solid	300.0	22798
880-13049-11	T-3 (1')	Soluble	Solid	300.0	22798
880-13049-12	T-3 (2')	Soluble	Solid	300.0	22798
880-13049-13	T-3 (3')	Soluble	Solid	300.0	22798
880-13049-14	T-3 (4')	Soluble	Solid	300.0	22798
880-13049-15	T-3 (5')	Soluble	Solid	300.0	22798
880-13049-16	T-3 (6')	Soluble	Solid	300.0	22798
880-13049-17	T-4 (0-1')	Soluble	Solid	300.0	22798
880-13049-18	T-4 (1')	Soluble	Solid	300.0	22798
880-13049-19	T-4 (2')	Soluble	Solid	300.0	22798
880-13049-20	T-4 (3')	Soluble	Solid	300.0	22798
MB 880-22798/1-A	Method Blank	Soluble	Solid	300.0	22798
LCS 880-22798/2-A	Lab Control Sample	Soluble	Solid	300.0	22798
LCSD 880-22798/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22798
880-13049-1 MS	T-1 (0-1')	Soluble	Solid	300.0	22798
880-13049-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	22798
880-13049-11 MS	T-3 (1')	Soluble	Solid	300.0	22798
880-13049-11 MSD	T-3 (1')	Soluble	Solid	300.0	22798

Analysis Batch: 23141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-21	T-5 (0-1')	Soluble	Solid	300.0	22799
880-13049-22	T-5 (1')	Soluble	Solid	300.0	22799
880-13049-23	T-5 (2')	Soluble	Solid	300.0	22799

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 23141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-24	T-5 (3')	Soluble	Solid	300.0	22799
880-13049-25	T-5 (4')	Soluble	Solid	300.0	22799
880-13049-26	T-6 (0-1')	Soluble	Solid	300.0	22799
880-13049-27	T-6 (1')	Soluble	Solid	300.0	22799
880-13049-28	T-6 (2')	Soluble	Solid	300.0	22799
880-13049-29	T-6 (3')	Soluble	Solid	300.0	22799
880-13049-30	T-6 (4')	Soluble	Solid	300.0	22799
880-13049-31	T-7 (0-1')	Soluble	Solid	300.0	22799
880-13049-32	T-7 (1')	Soluble	Solid	300.0	22799
880-13049-33	T-7 (2')	Soluble	Solid	300.0	22799
880-13049-34	T-7 (3')	Soluble	Solid	300.0	22799
880-13049-35	T-8 (0-1')	Soluble	Solid	300.0	22799
880-13049-36	T-8 (1')	Soluble	Solid	300.0	22799
880-13049-37	T-8 (2')	Soluble	Solid	300.0	22799
880-13049-38	T-8 (3')	Soluble	Solid	300.0	22799
880-13049-39	T-9 (0-1')	Soluble	Solid	300.0	22799
880-13049-40	T-9 (1')	Soluble	Solid	300.0	22799
MB 880-22799/1-A	Method Blank	Soluble	Solid	300.0	22799
LCS 880-22799/2-A	Lab Control Sample	Soluble	Solid	300.0	22799
LCSD 880-22799/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22799
880-13049-21 MS	T-5 (0-1')	Soluble	Solid	300.0	22799
880-13049-21 MSD	T-5 (0-1')	Soluble	Solid	300.0	22799
880-13049-31 MS	T-7 (0-1')	Soluble	Solid	300.0	22799
880-13049-31 MSD	T-7 (0-1')	Soluble	Solid	300.0	22799

Analysis Batch: 23142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-41	T-9 (2')	Soluble	Solid	300.0	22800
880-13049-42	T-9 (3')	Soluble	Solid	300.0	22800
880-13049-43	T-10 (0-1')	Soluble	Solid	300.0	22800
880-13049-44	T-10 (1')	Soluble	Solid	300.0	22800
880-13049-45	T-10 (2')	Soluble	Solid	300.0	22800
880-13049-46	T-10 (3')	Soluble	Solid	300.0	22800
880-13049-47	T-11 (0-1')	Soluble	Solid	300.0	22800
880-13049-48	T-11 (1')	Soluble	Solid	300.0	22800
880-13049-49	T-11 (2')	Soluble	Solid	300.0	22800
880-13049-50	T-11 (3')	Soluble	Solid	300.0	22800
880-13049-51	T-12 (0-1')	Soluble	Solid	300.0	22800
880-13049-52	T-12 (1')	Soluble	Solid	300.0	22800
880-13049-53	T-12 (2')	Soluble	Solid	300.0	22800
880-13049-54	T-12 (3')	Soluble	Solid	300.0	22800
880-13049-55	H-1 (0-0.5')	Soluble	Solid	300.0	22800
880-13049-56	H-2 (0-0.5')	Soluble	Solid	300.0	22800
880-13049-57	H-3 (0-0.5')	Soluble	Solid	300.0	22800
880-13049-58	H-4 (0-0.5')	Soluble	Solid	300.0	22800
880-13049-59	H-5 (0-0.5')	Soluble	Solid	300.0	22800
880-13049-60	H-6 (0-0.5')	Soluble	Solid	300.0	22800
MB 880-22800/1-A	Method Blank	Soluble	Solid	300.0	22800
LCS 880-22800/2-A	Lab Control Sample	Soluble	Solid	300.0	22800
LCSD 880-22800/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22800
880-13049-41 MS	T-9 (2')	Soluble	Solid	300.0	22800

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 23142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-41 MSD	T-9 (2')	Soluble	Solid	300.0	22800
880-13049-51 MS	T-12 (0-1')	Soluble	Solid	300.0	22800
880-13049-51 MSD	T-12 (0-1')	Soluble	Solid	300.0	22800

Analysis Batch: 23144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13049-61	H-7 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-62	H-8 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-63	H-9 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-64	H-10 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-65	H-11 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-66	H-12 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-67	S-1 (0-1')	Soluble	Solid	300.0	22801
880-13049-68	S-1 (1')	Soluble	Solid	300.0	22801
880-13049-69	S-1 (2')	Soluble	Solid	300.0	22801
880-13049-70	S-1 (3')	Soluble	Solid	300.0	22801
880-13049-71	S-2 (0-1')	Soluble	Solid	300.0	22801
880-13049-72	S-2 (1')	Soluble	Solid	300.0	22801
880-13049-73	S-2 (2')	Soluble	Solid	300.0	22801
880-13049-74	S-2 (3')	Soluble	Solid	300.0	22801
880-13049-75	S-2 (4')	Soluble	Solid	300.0	22801
880-13049-76	S-3 (0-1')	Soluble	Solid	300.0	22801
880-13049-77	S-3 (1.5')	Soluble	Solid	300.0	22801
880-13049-78	S-3 (2')	Soluble	Solid	300.0	22801
880-13049-79	S-3 (3')	Soluble	Solid	300.0	22801
880-13049-80	S-4 (0-1')	Soluble	Solid	300.0	22801
MB 880-22801/1-A	Method Blank	Soluble	Solid	300.0	22801
LCS 880-22801/2-A	Lab Control Sample	Soluble	Solid	300.0	22801
LCSD 880-22801/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22801
880-13049-61 MS	H-7 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-61 MSD	H-7 (0-0.5')	Soluble	Solid	300.0	22801
880-13049-71 MS	S-2 (0-1')	Soluble	Solid	300.0	22801
880-13049-71 MSD	S-2 (0-1')	Soluble	Solid	300.0	22801

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-1

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 04:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 11:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		5			23140	04/07/22 21:03	CH	XEN MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-13049-2

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 04:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 12:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		5			23140	04/07/22 21:30	CH	XEN MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-13049-3

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 04:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 13:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		5			23140	04/07/22 21:38	CH	XEN MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-13049-4

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 05:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (3')

Lab Sample ID: 880-13049-4

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 13:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 21:47	CH	XEN MID

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

Lab Sample ID: 880-13049-5

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 05:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 13:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 21:56	CH	XEN MID

Client Sample ID: T-2 (1')

Lab Sample ID: 880-13049-6

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 05:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 14:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 22:23	CH	XEN MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-13049-7

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 06:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 14:29	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-7

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			5.02 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 22:31	CH	XEN MID

Client Sample ID: T-2 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 06:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 14:51	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 22:40	CH	XEN MID

Client Sample ID: T-2 (4')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-9

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			5.00 g	5 mL	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 06:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 15:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 22:49	CH	XEN MID

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-10

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			5.02 g	5 mL	22620	03/31/22 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 07:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 15:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 22:58	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	03/31/22 22:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 16:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 23:07	CH	XEN MID

Client Sample ID: T-3 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-12

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			4.99 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	03/31/22 22:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 16:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 23:34	CH	XEN MID

Client Sample ID: T-3 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-13

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			4.98 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	03/31/22 22:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 17:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/07/22 23:42	CH	XEN MID

Client Sample ID: T-3 (4')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-14

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			5.01 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	03/31/22 23:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (4')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 17:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/08/22 00:09	CH	XEN MID

Client Sample ID: T-3 (5')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	03/31/22 23:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 17:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/08/22 00:18	CH	XEN MID

Client Sample ID: T-3 (6')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	03/31/22 23:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 18:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/08/22 00:27	CH	XEN MID

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 00:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 18:30	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		5			23140	04/08/22 00:36	CH	XEN MID

Client Sample ID: T-4 (1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	22703	03/31/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22729	04/01/22 00:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 18:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/08/22 00:44	CH	XEN MID

Client Sample ID: T-4 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-19

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	22727	04/01/22 07:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 11:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 19:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/08/22 00:53	CH	XEN MID

Client Sample ID: T-4 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	22727	04/01/22 07:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 15:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22697	03/31/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22689	03/31/22 19:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22798	04/01/22 11:53	CH	XEN MID
Soluble	Analysis	300.0		1			23140	04/08/22 01:02	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-21

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 22:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 11:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 02:13	CH	XEN MID

Client Sample ID: T-5 (1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-22

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 22:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 12:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 02:39	CH	XEN MID

Client Sample ID: T-5 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-23

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 22:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 13:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 02:48	CH	XEN MID

Client Sample ID: T-5 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 23:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (3')

Lab Sample ID: 880-13049-24

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 13:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 02:57	CH	XEN MID

Client Sample ID: T-5 (4')

Lab Sample ID: 880-13049-25

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 23:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 13:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 03:06	CH	XEN MID

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

Lab Sample ID: 880-13049-26

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/01/22 23:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 14:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 03:32	CH	XEN MID

Client Sample ID: T-6 (1')

Lab Sample ID: 880-13049-27

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 00:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 14:29	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (1')

Lab Sample ID: 880-13049-27

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 03:41	CH	XEN MID

Client Sample ID: T-6 (2')

Lab Sample ID: 880-13049-28

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 00:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 14:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 03:50	CH	XEN MID

Client Sample ID: T-6 (3')

Lab Sample ID: 880-13049-29

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 01:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 15:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 03:59	CH	XEN MID

Client Sample ID: T-6 (4')

Lab Sample ID: 880-13049-30

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 01:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 15:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 04:08	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-31

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 02:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 16:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 04:17	CH	XEN MID

Client Sample ID: T-7 (1')

Lab Sample ID: 880-13049-32

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 03:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 16:41	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 04:43	CH	XEN MID

Client Sample ID: T-7 (2')

Lab Sample ID: 880-13049-33

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 03:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 17:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 04:52	CH	XEN MID

Client Sample ID: T-7 (3')

Lab Sample ID: 880-13049-34

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 03:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-7 (3')

Lab Sample ID: 880-13049-34

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 17:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 05:19	CH	XEN MID

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

Lab Sample ID: 880-13049-35

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 04:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 17:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 05:28	CH	XEN MID

Client Sample ID: T-8 (1')

Lab Sample ID: 880-13049-36

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 04:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 18:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 05:37	CH	XEN MID

Client Sample ID: T-8 (2')

Lab Sample ID: 880-13049-37

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 04:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 18:30	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-8 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-37

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	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 05:45	CH	XEN MID

Client Sample ID: T-8 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 05:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 18:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 05:55	CH	XEN MID

Client Sample ID: T-9 (0-1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-39

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			5.05 g	5 mL	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 05:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 19:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 06:03	CH	XEN MID

Client Sample ID: T-9 (1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-40

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			4.98 g	5 mL	22622	03/30/22 10:06	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 05:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22698	03/31/22 09:04	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22687	03/31/22 19:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22799	04/01/22 11:54	CH	XEN MID
Soluble	Analysis	300.0		1			23141	04/08/22 06:12	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (2')

Lab Sample ID: 880-13049-41

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 09:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 13:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 19:03	CH	XEN MID

Client Sample ID: T-9 (3')

Lab Sample ID: 880-13049-42

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 09:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 14:37	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 19:20	CH	XEN MID

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-13049-43

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 09:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 19:25	CH	XEN MID

Client Sample ID: T-10 (1')

Lab Sample ID: 880-13049-44

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 10:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (1')

Lab Sample ID: 880-13049-44

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 15:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 19:31	CH	XEN MID

Client Sample ID: T-10 (2')

Lab Sample ID: 880-13049-45

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 10:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 15:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 19:37	CH	XEN MID

Client Sample ID: T-10 (3')

Lab Sample ID: 880-13049-46

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 10:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 16:03	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 19:53	CH	XEN MID

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-13049-47

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 11:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 16:25	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (0-1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		5			23142	04/07/22 19:59	CH	XEN MID

Client Sample ID: T-11 (1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 11:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 16:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/08/22 12:44	CH	XEN MID

Client Sample ID: T-11 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 11:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 17:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 20:10	CH	XEN MID

Client Sample ID: T-11 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-50

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 12:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 17:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 20:16	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-13049-51

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 13:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 18:11	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/08/22 12:50	CH	XEN MID

Client Sample ID: T-12 (1')

Lab Sample ID: 880-13049-52

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 14:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 18:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/08/22 13:06	CH	XEN MID

Client Sample ID: T-12 (2')

Lab Sample ID: 880-13049-53

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 14:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 18:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 20:41	CH	XEN MID

Client Sample ID: T-12 (3')

Lab Sample ID: 880-13049-54

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 14:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (3')

Lab Sample ID: 880-13049-54

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 19:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 20:57	CH	XEN MID

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

Lab Sample ID: 880-13049-55

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 15:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 19:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 21:03	CH	XEN MID

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

Lab Sample ID: 880-13049-56

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 15:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 19:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 21:09	CH	XEN MID

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

Lab Sample ID: 880-13049-57

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 15:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 20:19	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-57

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	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 21:14	CH	XEN MID

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-58

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 16:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 20:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 21:20	CH	XEN MID

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-59

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 16:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 21:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 21:25	CH	XEN MID

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-60

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	22623	03/30/22 10:08	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/02/22 16:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22699	03/31/22 09:08	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 21:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22800	04/01/22 12:02	CH	XEN MID
Soluble	Analysis	300.0		1			23142	04/07/22 21:31	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-61

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 14:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/02/22 23:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/07/22 22:16	CH	XEN MID

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

Lab Sample ID: 880-13049-62

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 15:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 00:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/07/22 22:33	CH	XEN MID

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

Lab Sample ID: 880-13049-63

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 15:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 00:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/07/22 22:39	CH	XEN MID

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

Lab Sample ID: 880-13049-64

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 15:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-64

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 00:54	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/07/22 22:44	CH	XEN MID

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

Lab Sample ID: 880-13049-65

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 16:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 01:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/07/22 22:50	CH	XEN MID

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

Lab Sample ID: 880-13049-66

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 16:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 01:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/07/22 23:07	CH	XEN MID

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

Lab Sample ID: 880-13049-67

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22771	04/02/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22759	04/03/22 11:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 01:54	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-67

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			5.04 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		5			23144	04/07/22 23:12	CH	XEN MID

Client Sample ID: S-1 (1')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-68

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 17:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 02:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		10			23144	04/07/22 23:18	CH	XEN MID

Client Sample ID: S-1 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-69

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 17:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 02:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		10			23144	04/07/22 23:24	CH	XEN MID

Client Sample ID: S-1 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-70

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 17:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 02:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		5			23144	04/07/22 23:29	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13049-71

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 19:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 03:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		10			23144	04/07/22 23:35	CH	XEN MID

Client Sample ID: S-2 (1')

Lab Sample ID: 880-13049-72

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 19:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		5			23144	04/07/22 23:52	CH	XEN MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-13049-73

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 19:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 04:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		5			23144	04/07/22 23:57	CH	XEN MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-13049-74

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 20:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3')

Lab Sample ID: 880-13049-74

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 04:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/08/22 00:14	CH	XEN MID

Client Sample ID: S-2 (4')

Lab Sample ID: 880-13049-75

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 20:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 04:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/08/22 00:20	CH	XEN MID

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

Lab Sample ID: 880-13049-76

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 20:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 05:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		10			23144	04/08/22 00:25	CH	XEN MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-13049-77

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 21:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 05:36	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-77

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	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		10			23144	04/08/22 00:31	CH	XEN MID

Client Sample ID: S-3 (2')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-78

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 21:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 05:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/08/22 00:37	CH	XEN MID

Client Sample ID: S-3 (3')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-79

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 22:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 06:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/08/22 00:42	CH	XEN MID

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

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-80

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	22624	03/30/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22777	04/01/22 22:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22701	03/31/22 09:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22851	04/03/22 06:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22801	04/01/22 12:03	CH	XEN MID
Soluble	Analysis	300.0		1			23144	04/08/22 00:48	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-13049-81

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22613	03/31/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 15:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22691	03/31/22 08:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22685	03/31/22 11:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22740	03/31/22 15:20	SC	XEN MID
Soluble	Analysis	300.0		5			22756	04/02/22 01:06	CH	XEN MID

Client Sample ID: S-4 (2')

Lab Sample ID: 880-13049-82

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22613	03/31/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 16:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22691	03/31/22 08:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22685	03/31/22 12:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22740	03/31/22 15:20	SC	XEN MID
Soluble	Analysis	300.0		5			22756	04/02/22 01:15	CH	XEN MID

Client Sample ID: S-4 (3')

Lab Sample ID: 880-13049-83

Date Collected: 03/29/22 00:00

Matrix: Solid

Date Received: 03/30/22 09:15

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	22613	03/31/22 11:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 16:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22817	04/01/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22744	03/31/22 15:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22691	03/31/22 08:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22685	03/31/22 12:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22740	03/31/22 15:20	SC	XEN MID
Soluble	Analysis	300.0		1			22756	04/02/22 01:24	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: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
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: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-13049-1	T-1 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-2	T-1 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-3	T-1 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-4	T-1 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-5	T-2 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-6	T-2 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-7	T-2 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-8	T-2 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-9	T-2 (4')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-10	T-3 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-11	T-3 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-12	T-3 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-13	T-3 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-14	T-3 (4')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-15	T-3 (5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-16	T-3 (6')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-17	T-4 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-18	T-4 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-19	T-4 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-20	T-4 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-21	T-5 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-22	T-5 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-23	T-5 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-24	T-5 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-25	T-5 (4')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-26	T-6 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-27	T-6 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-28	T-6 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-29	T-6 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-30	T-6 (4')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-31	T-7 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-32	T-7 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-33	T-7 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-34	T-7 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-35	T-8 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-36	T-8 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-37	T-8 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-38	T-8 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-39	T-9 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-40	T-9 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-41	T-9 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-42	T-9 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-43	T-10 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-44	T-10 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-45	T-10 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-46	T-10 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-47	T-11 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-48	T-11 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-49	T-11 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-50	T-11 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-51	T-12 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-52	T-12 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-53	T-12 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-54	T-12 (3')	Solid	03/29/22 00:00	03/30/22 09:15

Sample Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-13049-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-13049-55	H-1 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-56	H-2 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-57	H-3 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-58	H-4 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-59	H-5 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-60	H-6 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-61	H-7 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-62	H-8 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-63	H-9 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-64	H-10 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-65	H-11 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-66	H-12 (0-0.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-67	S-1 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-68	S-1 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-69	S-1 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-70	S-1 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-71	S-2 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-72	S-2 (1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-73	S-2 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-74	S-2 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-75	S-2 (4')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-76	S-3 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-77	S-3 (1.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-78	S-3 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-79	S-3 (3')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-80	S-4 (0-1')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-81	S-4 (1.5')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-82	S-4 (2')	Solid	03/29/22 00:00	03/30/22 09:15
880-13049-83	S-4 (3')	Solid	03/29/22 00:00	03/30/22 09:15

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880-13049 Chain of Custody

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Project Manager	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@nclsw.com

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

Project Name	Moutray SWD	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes											
Project Number	1009	☐ Routine ☒ Rush												None NO DI Water H ₂ O											
Project Location	Eddy Co. NM	Due Date	5 Days											Cool Cool MeOH Me											
Sampler's Name	CRM	TAT starts the day received by the lab, if received by 4 30pm												HCL HC HNO ₃ HN											
PO #														H ₂ SO ₄ H ₂ NaOH Na											
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP									
Received In tact:	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐											NaHSO ₄ NABIS											
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐											Na ₂ S ₂ O ₃ NaSO ₃											
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐											Zn Acetate+NaOH Zn											
Total Containers		Corrected Temperature:	1.7											NaOH+Ascorbic Acid SAPC											

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments									
T-1 (0-1')	3/29/2022		X		G	1	BTEX 8021B																			
T-1 (1')	3/29/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)																			
T-1 (2')	3/29/2022		X		G	1	Chloride 300.0																			
T-1 (3')	3/29/2022		X		G	1																				
T-2 (0-1')	3/29/2022		X		G	1																				
T-2 (1')	3/29/2022		X		G	1																				
T-2 (2')	3/29/2022		X		G	1																				
T-2 (3')	3/29/2022		X		G	1																				
T-2 (4')	3/29/2022		X		G	1																				
T-3 (0-1')	3/29/2022		X		G	1																				

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Ben Myer</i>	<i>Patricia</i>	03/30/22			

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Work Order No: _____

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@nnglp.com

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

Project Name	Moutray SWD	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
		☐ Routine	☒ Rush														None NO	DI Water H ₂ O
Project Number	1009																Cool Cool	MeOH Me
Project Location	Eddy Co, NM																HCL HC	HNO ₃ HN
Sampler's Name	CRM																H ₂ SO ₄ H ₂	NaOH Na
PO #:																	H ₃ PO ₄ HP	
SAMPLE RECEIPT	Temp Blank	Yes	No	Yes	No													NaHSO ₄ NABIS
	Received Intact	Yes	No	Thermometer ID														Na ₂ S ₂ O ₃ NaSO ₃
	Cooler Custody Seals	Yes	No	Correction Factor														Zn Acetate+NaOH Zn
	Sample Custody Seals	Yes	No	Temperature Reading														NaOH+Ascorbic Acid SAPC
	Total Containers			Corrected Temperature														
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
T-3 (1)		3/29/2022		X		G	1	X	X	X								
T-3 (2)		3/29/2022		X		G	1	X	X	X								
T-3 (3)		3/29/2022		X		G	1	X	X	X								
T-3 (4)		3/29/2022		X		G	1	X	X	X								
T-3 (5)		3/29/2022		X		G	1	X	X	X								
T-3 (6)		3/29/2022		X		G	1	X	X	X								
T-4 (0-1')		3/29/2022		X		G	1	X	X	X								
T-4 (1')		3/29/2022		X		G	1	X	X	X								
T-4 (2)		3/29/2022		X		G	1	X	X	X								
T-4 (3)		3/29/2022		X		G	1	X	X	X								

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Joseph Vargo</i>	03/30/22			

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Work Order No: _____

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste. 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@naglep.com

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

Project Name	Moutray SWD	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1009	☐ Routine ☒ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM	Due Date	5 Days														Cool Cool	MeOH Me	
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm															HCL HC	HNO ₃ HN	
PO #:																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice														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	TPH												Sample Comments
T-5 (0-1')	3/29/2022		X		G	1	X	X	X										
T-5 (1')	3/29/2022		X		G	1	X	X	X										
T-5 (2')	3/29/2022		X		G	1	X	X	X										
T-5 (3')	3/29/2022		X		G	1	X	X	X										
T-5 (4')	3/29/2022		X		G	1	X	X	X										
T-6 (0-1')	3/29/2022		X		G	1	X	X	X										
T-6 (1')	3/29/2022		X		G	1	X	X	X										
T-6 (2')	3/29/2022		X		G	1	X	X	X										
T-6 (3')	3/29/2022		X		G	1	X	X	X										
T-6 (4')	3/29/2022		X		G	1	X	X	X										

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Carmona Resources</i>	<i>Joseph Vargo</i>	03/30/22			

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmora Resources	Company Name	NGL Water Solutions Permian
Address:	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@nngladp.com

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

Work Order No: _____

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Donny</i>	<i>Donny</i>	03/30/12	2		
3			4		
5		0915	6		

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

Revised Date 05012020 Rev 2020

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St. Ste 415	Address	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@nngldp.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ brownfields ☐ RRC ☐ superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other ☐	

Work Order No: _____

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Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH								Sample Comments		
T-12 (0-1')	3/29/2022		X		G	1	X	X	X								
T-12 (1')	3/29/2022		X		G	1	X	X	X								
T-12 (2')	3/29/2022		X		G	1	X	X	X								
T-12 (3')	3/29/2022		X		G	1	X	X	X								
H-1 (0-0.5')	3/29/2022		X		G	1	X	X	X								
H-2 (0-0.5')	3/29/2022		X		G	1	X	X	X								
H-3 (0-0.5')	3/29/2022		X		G	1	X	X	X								
H-4 (0-0.5')	3/29/2022		X		G	1	X	X	X								
H-5 (0-0.5')	3/29/2022		X		G	1	X	X	X								
H-6 (0-0.5')	3/29/2022		X		G	1	X	X	X								

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Don Myer</i>	<i>Bob</i>	03/30/22	2		
3			4		
5		04/5	6		

Project Manager	Conner Moehring	Bill to, (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Perman
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@nnglp.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RCC ☐ uperfund ☐

State of Project:

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

Deliverables EDD ☐ ADAPT ☐ Other ☐

Project Name		Moutray SWD		Turn Around	
Project Number		1009		☐ Routine ☒ Rush	
Project Location		Eddy Co. NM		Due Date	
Sampler's Name		CRM		5 Days	
PO #:		TAT starts the day received by the lab, if received by 4 30pm			

SAMPLE RECEIPT		Temp Blank	Yes	No	Wet Ice	Yes	No
Received intact.		Yes	No	Thermometer ID			
Cooler Custody Seals		Yes	No	N/A	Correction Factor		
Sample Custody Seals		Yes	No	N/A	Temperature Reading		
Total Containers						Corrected Temperature	

ANALYSIS REQUEST										Preservative Codes	
Pres. Code											
Parameters											
BTEX 8021B											
8015M (GRO + DRO + MRO)											
Chloride 300.0											
HOLD											
None NO										DI Water- H ₂ O	
Cool Cool										MeOH Me	
HCL HC										HNO ₃ HN	
H ₂ SO ₄ H ₂										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											

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of	TPH										Sample Comments	
						Cont												
H-7 (0-0.5')	3/29/2022		X		G	1	X	X	X									
H-8 (0-0.5')	3/29/2022		X		G	1	X	X	X									
H-9 (0-0.5')	3/29/2022		X		G	1	X	X	X									
H-10 (0-0.5')	3/29/2022		X		G	1	X	X	X									
H-11 (0-0.5')	3/29/2022		X		G	1	X	X	X									
H-12 (0-0.5')	3/29/2022		X		G	1	X	X	X									
S-1 (0-1')	3/29/2022		X		G	1	X	X	X									
S-1 (1.5')	3/29/2022		X		G	1	X	X	X									
S-1 (2')	3/29/2022		X		G	1	X	X	X									
S-1 (3')	3/29/2022		X		G	1	X	X	X									

	Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
3	<i>Benny Jones</i>	<i>[Signature]</i>	03/30/22			
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Work Order No: _____

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Project Manager	Conner Moening	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permain
Address	310 W Wall St. Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@ndleap.com

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

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Ben W. W. W.</i>	<i>Ben W. W. W.</i>	03/30/22	2		
3			4		
5		04/05/22	6		

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

Work Order No:

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-13049-1

SDG Number: Eddy Co, NM

Login Number: 13049

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18524-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Moutray SWD

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:

8/29/2022 4:23:42 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



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

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

Client: Carmona Resources
Project/Site: Moutray SWD

Laboratory Job ID: 880-18524-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Definitions/Glossary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Glossary (Continued)

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

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Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Job ID: 880-18524-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18524-1**

Receipt

The samples were received on 8/25/2022 8:34 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32994 and analytical batch 880-33040 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (880-18524-A-55-D MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-14 (1') (880-18524-57). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-32936 and analytical batch 880-33108 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-18524-A-55-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-32936/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-33031/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-18551-A-21-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-33031 and analytical batch 880-33136 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-32990/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-32993/2-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-32854/2-A) and (LCSD 880-32854/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-32854 and analytical batch

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Job ID: 880-18524-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

880-32892 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-32988 and analytical batch 880-33106 were outside control limits. Non-homogeneity is 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 880-32947/2-A), (LCS 880-33000/2-A), (LCSD 880-32947/3-A) and (LCSD 880-33000/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-32987/2-A) and (LCSD 880-32987/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32987 and analytical batch 880-33012 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: CS-37 (3') (880-18524-37). 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 880-32933 and analytical batch 880-33113 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: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-18524-1

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 17:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/25/22 15:11	08/26/22 17:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/25/22 15:11	08/26/22 17:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 17:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 17:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	08/25/22 13:16	08/26/22 17:06	1
o-Terphenyl	123		70 - 130	08/25/22 13:16	08/26/22 17:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		4.98		mg/Kg			08/26/22 10:12	1

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-18524-2

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 17:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 17:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 17:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 17:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 17:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/25/22 15:11	08/26/22 17:35	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/25/22 15:11	08/26/22 17:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-18524-2

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 18:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 18:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/25/22 13:16	08/26/22 18:10	1
o-Terphenyl	113		70 - 130				08/25/22 13:16	08/26/22 18:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252		5.03		mg/Kg			08/26/22 10:39	1

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-18524-3

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 17:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 17:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/25/22 15:11	08/26/22 17:56	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/25/22 15:11	08/26/22 17:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 18:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-18524-3

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 13:16	08/26/22 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/25/22 13:16	08/26/22 18:32	1
o-Terphenyl	108		70 - 130				08/25/22 13:16	08/26/22 18:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		4.99		mg/Kg			08/26/22 10:48	1

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-18524-4

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 18:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 18:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 18:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:11	08/26/22 18:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 18:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:11	08/26/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/25/22 15:11	08/26/22 18:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/25/22 15:11	08/26/22 18:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 18:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 18:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/25/22 13:16	08/26/22 18:54	1
o-Terphenyl	98		70 - 130				08/25/22 13:16	08/26/22 18:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.02		mg/Kg			08/26/22 10:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-5 (3')

Lab Sample ID: 880-18524-5

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 19:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 19:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 19:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/25/22 15:11	08/26/22 19:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 19:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/25/22 15:11	08/26/22 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/25/22 15:11	08/26/22 19:39	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/25/22 15:11	08/26/22 19:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/25/22 13:16	08/26/22 19:16	1
o-Terphenyl	104		70 - 130	08/25/22 13:16	08/26/22 19:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.3		4.99		mg/Kg			08/26/22 11:07	1

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-18524-6

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 19:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 19:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 19:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 19:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 19:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/25/22 15:11	08/26/22 19:59	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/25/22 15:11	08/26/22 19:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-18524-6

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 19:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 19:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/25/22 13:16	08/26/22 19:37	1
o-Terphenyl	112		70 - 130				08/25/22 13:16	08/26/22 19:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		5.01		mg/Kg			08/26/22 11:34	1

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-18524-7

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 20:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 20:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 20:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 20:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 20:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/25/22 15:11	08/26/22 20:20	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/25/22 15:11	08/26/22 20:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 19:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-18524-7

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 13:16	08/26/22 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/25/22 13:16	08/26/22 19:59	1
o-Terphenyl	112		70 - 130				08/25/22 13:16	08/26/22 19:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	242		5.04		mg/Kg			08/26/22 11:44	1

Client Sample ID: CS-8 (3')

Lab Sample ID: 880-18524-8

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 20:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 20:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 20:40	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/25/22 15:11	08/26/22 20:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 20:40	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/25/22 15:11	08/26/22 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/25/22 15:11	08/26/22 20:40	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/25/22 15:11	08/26/22 20:40	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 20:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 13:16	08/26/22 20:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 13:16	08/26/22 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				08/25/22 13:16	08/26/22 20:20	1
o-Terphenyl	127		70 - 130				08/25/22 13:16	08/26/22 20:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.05		mg/Kg			08/26/22 11:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-9 (3')

Lab Sample ID: 880-18524-9

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 21:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 21:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 21:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 21:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 21:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/25/22 15:11	08/26/22 21:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 15:11	08/26/22 21:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 20:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 20:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	08/25/22 13:16	08/26/22 20:42	1
o-Terphenyl	100		70 - 130	08/25/22 13:16	08/26/22 20:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.91		0.0497		mg/Kg			08/26/22 12:02	1

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-18524-10

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 21:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 21:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 21:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 21:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:11	08/26/22 21:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:11	08/26/22 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/25/22 15:11	08/26/22 21:21	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 15:11	08/26/22 21:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-18524-10

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 21:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 21:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/25/22 13:16	08/26/22 21:04	1
o-Terphenyl	103		70 - 130				08/25/22 13:16	08/26/22 21:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.22		0.0495		mg/Kg			08/26/22 12:11	1

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-18524-11

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 21:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 21:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 21:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:11	08/26/22 21:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:11	08/26/22 21:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:11	08/26/22 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/25/22 15:11	08/26/22 21:42	1
1,4-Difluorobenzene (Surr)	71		70 - 130				08/25/22 15:11	08/26/22 21:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 21:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 21:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-18524-11

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 13:16	08/26/22 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/25/22 13:16	08/26/22 21:46	1
o-Terphenyl	105		70 - 130				08/25/22 13:16	08/26/22 21:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		5.02		mg/Kg			08/26/22 12:21	1

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-18524-12

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/25/22 15:11	08/26/22 22:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/25/22 15:11	08/26/22 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/25/22 15:11	08/26/22 22:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/25/22 15:11	08/26/22 22:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 22:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 13:16	08/26/22 22:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 13:16	08/26/22 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/25/22 13:16	08/26/22 22:08	1
o-Terphenyl	104		70 - 130				08/25/22 13:16	08/26/22 22:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		5.05		mg/Kg			08/27/22 01:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-18524-13

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 22:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 22:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 22:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 22:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 22:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:11	08/26/22 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/25/22 15:11	08/26/22 22:23	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/25/22 15:11	08/26/22 22:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 22:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 22:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	08/25/22 13:16	08/26/22 22:29	1
o-Terphenyl	104		70 - 130	08/25/22 13:16	08/26/22 22:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		5.02		mg/Kg			08/27/22 01:49	1

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-18524-14

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/25/22 15:11	08/26/22 22:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:11	08/26/22 22:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/25/22 15:11	08/26/22 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/25/22 15:11	08/26/22 22:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/25/22 15:11	08/26/22 22:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-18524-14

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/25/22 13:16	08/26/22 22:51	1
o-Terphenyl	101		70 - 130				08/25/22 13:16	08/26/22 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.00		mg/Kg			08/27/22 01:58	1

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-18524-15

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 11:10	08/27/22 14:31	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:31	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/25/22 11:10	08/27/22 14:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/25/22 11:10	08/27/22 14:31	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/25/22 11:10	08/27/22 14:31	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 23:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 13:16	08/26/22 23:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-18524-15

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 13:16	08/26/22 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/25/22 13:16	08/26/22 23:13	1
o-Terphenyl	105		70 - 130				08/25/22 13:16	08/26/22 23:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		4.99		mg/Kg			08/27/22 02:07	1

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-18524-16

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 14:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 14:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 14:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 14:52	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 14:52	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/25/22 11:10	08/27/22 14:52	1
1,4-Difluorobenzene (Surr)	86		70 - 130				08/25/22 11:10	08/27/22 14:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 23:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 23:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/25/22 13:16	08/26/22 23:35	1
o-Terphenyl	106		70 - 130				08/25/22 13:16	08/26/22 23:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		4.98		mg/Kg			08/27/22 02:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-18524-17

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 15:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 15:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 15:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 15:50	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 15:50	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/25/22 11:10	08/27/22 15:50	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/25/22 11:10	08/27/22 15:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/26/22 23:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 23:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/26/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	08/25/22 13:16	08/26/22 23:56	1
o-Terphenyl	109		70 - 130	08/25/22 13:16	08/26/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.03		mg/Kg			08/27/22 02:44	1

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-18524-18

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 16:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 16:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 16:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 11:10	08/27/22 16:11	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 16:11	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/25/22 11:10	08/27/22 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/25/22 11:10	08/27/22 16:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/25/22 11:10	08/27/22 16:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-18524-18

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/27/22 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/27/22 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/27/22 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				08/25/22 13:16	08/27/22 00:18	1
o-Terphenyl	111		70 - 130				08/25/22 13:16	08/27/22 00:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.9		4.97		mg/Kg			08/27/22 02:53	1

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-18524-19

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 16:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 16:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 16:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 11:10	08/27/22 16:31	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/25/22 11:10	08/27/22 16:31	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		08/25/22 11:10	08/27/22 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/25/22 11:10	08/27/22 16:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/25/22 11:10	08/27/22 16:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/27/22 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/27/22 00:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-18524-19

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 13:16	08/27/22 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/25/22 13:16	08/27/22 00:39	1
o-Terphenyl	98		70 - 130				08/25/22 13:16	08/27/22 00:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.6		4.96		mg/Kg			08/27/22 03:02	1

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-18524-20

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/25/22 11:10	08/27/22 16:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/25/22 11:10	08/27/22 16:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/25/22 11:10	08/27/22 16:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/25/22 11:10	08/27/22 16:51	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		08/25/22 11:10	08/27/22 16:51	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		08/25/22 11:10	08/27/22 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/25/22 11:10	08/27/22 16:51	1
1,4-Difluorobenzene (Surr)	86		70 - 130				08/25/22 11:10	08/27/22 16:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:16	08/27/22 01:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/27/22 01:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 13:16	08/27/22 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/25/22 13:16	08/27/22 01:01	1
o-Terphenyl	96		70 - 130				08/25/22 13:16	08/27/22 01:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.7		4.95		mg/Kg			08/27/22 03:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-18524-21

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 17:12	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:12	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/25/22 11:10	08/27/22 17:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/25/22 11:10	08/27/22 17:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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 F2	49.9		mg/Kg		08/25/22 14:26	08/26/22 17:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 17:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/25/22 14:26	08/26/22 17:06	1
o-Terphenyl	98		70 - 130	08/25/22 14:26	08/26/22 17:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.6		5.01		mg/Kg			08/27/22 03:21	1

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-18524-22

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 17:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 17:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 17:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 11:10	08/27/22 17:32	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 17:32	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/25/22 11:10	08/27/22 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/25/22 11:10	08/27/22 17:32	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/25/22 11:10	08/27/22 17:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-18524-22

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 18:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 18:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/25/22 14:26	08/26/22 18:10	1
o-Terphenyl	92		70 - 130				08/25/22 14:26	08/26/22 18:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.6		5.00		mg/Kg			08/27/22 03:30	1

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-18524-23

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 17:53	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 17:53	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/25/22 11:10	08/27/22 17:53	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/25/22 11:10	08/27/22 17:53	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 18:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-18524-23

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:26	08/26/22 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/25/22 14:26	08/26/22 18:32	1
o-Terphenyl	98		70 - 130				08/25/22 14:26	08/26/22 18:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	254		5.02		mg/Kg			08/27/22 03:58	1

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-18524-24

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 18:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 18:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 18:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 11:10	08/27/22 18:13	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/25/22 11:10	08/27/22 18:13	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		08/25/22 11:10	08/27/22 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/25/22 11:10	08/27/22 18:13	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/25/22 11:10	08/27/22 18:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 18:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 18:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/25/22 14:26	08/26/22 18:54	1
o-Terphenyl	92		70 - 130				08/25/22 14:26	08/26/22 18:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	278		5.02		mg/Kg			08/27/22 04:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-18524-25

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 19:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 19:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 19:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 11:10	08/27/22 19:35	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 19:35	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/25/22 11:10	08/27/22 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/25/22 11:10	08/27/22 19:35	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/25/22 11:10	08/27/22 19:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/25/22 14:26	08/26/22 19:16	1
o-Terphenyl	101		70 - 130	08/25/22 14:26	08/26/22 19:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		5.03		mg/Kg			08/27/22 04:35	1

Client Sample ID: CS-26 (2')

Lab Sample ID: 880-18524-26

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 19:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 19:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 19:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 19:55	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 19:55	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/25/22 11:10	08/27/22 19:55	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/25/22 11:10	08/27/22 19:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-26 (2')

Lab Sample ID: 880-18524-26

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 19:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 19:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/25/22 14:26	08/26/22 19:37	1
o-Terphenyl	101		70 - 130				08/25/22 14:26	08/26/22 19:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.6		5.05		mg/Kg			08/27/22 04:44	1

Client Sample ID: CS-27 (2')

Lab Sample ID: 880-18524-27

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/25/22 11:10	08/27/22 20:16	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:16	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		08/25/22 11:10	08/27/22 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/25/22 11:10	08/27/22 20:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/25/22 11:10	08/27/22 20:16	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 19:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-27 (2')

Lab Sample ID: 880-18524-27

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:26	08/26/22 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/25/22 14:26	08/26/22 19:59	1
o-Terphenyl	118		70 - 130				08/25/22 14:26	08/26/22 19:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.00		mg/Kg			08/27/22 04:53	1

Client Sample ID: CS-28 (3')

Lab Sample ID: 880-18524-28

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 20:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 20:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 20:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 11:10	08/27/22 20:36	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/25/22 11:10	08/27/22 20:36	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		08/25/22 11:10	08/27/22 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				08/25/22 11:10	08/27/22 20:36	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/25/22 11:10	08/27/22 20:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 20:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 14:26	08/26/22 20:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 14:26	08/26/22 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/25/22 14:26	08/26/22 20:20	1
o-Terphenyl	108		70 - 130				08/25/22 14:26	08/26/22 20:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.2		4.97		mg/Kg			08/27/22 05:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-29 (3')

Lab Sample ID: 880-18524-29

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 11:10	08/27/22 20:56	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 20:56	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/25/22 11:10	08/27/22 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/25/22 11:10	08/27/22 20:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 11:10	08/27/22 20:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 20:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 20:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/25/22 14:26	08/26/22 20:42	1
o-Terphenyl	110		70 - 130	08/25/22 14:26	08/26/22 20:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		4.96		mg/Kg			08/27/22 05:12	1

Client Sample ID: CS-30 (3')

Lab Sample ID: 880-18524-30

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 21:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 21:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 21:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 21:17	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 21:17	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/25/22 11:10	08/27/22 21:17	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/25/22 11:10	08/27/22 21:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-30 (3')

Lab Sample ID: 880-18524-30

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 21:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 21:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/25/22 14:26	08/26/22 21:04	1
o-Terphenyl	97		70 - 130				08/25/22 14:26	08/26/22 21:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.3		4.95		mg/Kg			08/27/22 05:21	1

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-18524-31

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 11:10	08/27/22 21:37	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:37	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/25/22 11:10	08/27/22 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/25/22 11:10	08/27/22 21:37	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/25/22 11:10	08/27/22 21:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 21:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 21:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-18524-31

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:26	08/26/22 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				08/25/22 14:26	08/26/22 21:46	1
o-Terphenyl	113		70 - 130				08/25/22 14:26	08/26/22 21:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252		5.02		mg/Kg			08/27/22 05:30	1

Client Sample ID: CS-32 (3')

Lab Sample ID: 880-18524-32

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/25/22 11:10	08/27/22 21:58	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/25/22 11:10	08/27/22 21:58	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		08/25/22 11:10	08/27/22 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/25/22 11:10	08/27/22 21:58	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/25/22 11:10	08/27/22 21:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 22:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 14:26	08/26/22 22:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 14:26	08/26/22 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/25/22 14:26	08/26/22 22:08	1
o-Terphenyl	92		70 - 130				08/25/22 14:26	08/26/22 22:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309		4.96		mg/Kg			08/27/22 09:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-33 (3')

Lab Sample ID: 880-18524-33

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 22:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 22:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 11:10	08/27/22 22:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 11:10	08/27/22 22:18	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/25/22 11:10	08/27/22 22:18	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		08/25/22 11:10	08/27/22 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/25/22 11:10	08/27/22 22:18	1
1,4-Difluorobenzene (Surr)	82		70 - 130	08/25/22 11:10	08/27/22 22:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 22:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 22:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	08/25/22 14:26	08/26/22 22:29	1
o-Terphenyl	80		70 - 130	08/25/22 14:26	08/26/22 22:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		5.00		mg/Kg			08/27/22 09:31	1

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-18524-34

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 22:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 22:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 11:10	08/27/22 22:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 11:10	08/27/22 22:38	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/25/22 11:10	08/27/22 22:38	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/25/22 11:10	08/27/22 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/25/22 11:10	08/27/22 22:38	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/25/22 11:10	08/27/22 22:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-18524-34

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 22:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 22:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/25/22 14:26	08/26/22 22:51	1
o-Terphenyl	94		70 - 130				08/25/22 14:26	08/26/22 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.99		mg/Kg			08/27/22 09:39	1

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-18524-35

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 01:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/25/22 15:41	08/27/22 01:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/25/22 15:41	08/27/22 01:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 23:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 23:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-18524-35

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:26	08/26/22 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				08/25/22 14:26	08/26/22 23:13	1
o-Terphenyl	70		70 - 130				08/25/22 14:26	08/26/22 23:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		4.97		mg/Kg			08/27/22 09:47	1

Client Sample ID: CS-36 (3')

Lab Sample ID: 880-18524-36

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 02:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 02:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 02:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 02:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 02:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/25/22 15:41	08/27/22 02:08	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/25/22 15:41	08/27/22 02:08	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 23:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 23:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/25/22 14:26	08/26/22 23:35	1
o-Terphenyl	95		70 - 130				08/25/22 14:26	08/26/22 23:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.02		mg/Kg			08/27/22 09:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-37 (3')

Lab Sample ID: 880-18524-37

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 02:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 02:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 02:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 02:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 02:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/25/22 15:41	08/27/22 02:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/25/22 15:41	08/27/22 02:28	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/26/22 23:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 23:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/26/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	38	S1-	70 - 130	08/25/22 14:26	08/26/22 23:56	1
o-Terphenyl	76		70 - 130	08/25/22 14:26	08/26/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		4.99		mg/Kg			08/27/22 10:18	1

Client Sample ID: CS-38 (3')

Lab Sample ID: 880-18524-38

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 02:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 02:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 02:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 02:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 02:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/25/22 15:41	08/27/22 02:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/25/22 15:41	08/27/22 02:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-38 (3')

Lab Sample ID: 880-18524-38

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/27/22 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/27/22 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/27/22 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/25/22 14:26	08/27/22 00:18	1
o-Terphenyl	80		70 - 130				08/25/22 14:26	08/27/22 00:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		4.95		mg/Kg			08/27/22 10:26	1

Client Sample ID: CS-39 (3')

Lab Sample ID: 880-18524-39

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 03:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 03:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 03:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 03:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 03:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				08/25/22 15:41	08/27/22 03:09	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/25/22 15:41	08/27/22 03:09	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/27/22 00:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 14:26	08/27/22 00:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-39 (3')

Lab Sample ID: 880-18524-39

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 14:26	08/27/22 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				08/25/22 14:26	08/27/22 00:39	1
o-Terphenyl	71		70 - 130				08/25/22 14:26	08/27/22 00:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		5.00		mg/Kg			08/27/22 10:34	1

Client Sample ID: CS-40 (3')

Lab Sample ID: 880-18524-40

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 03:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/25/22 15:41	08/27/22 03:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/25/22 15:41	08/27/22 03:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:26	08/27/22 01:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/27/22 01:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:26	08/27/22 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				08/25/22 14:26	08/27/22 01:01	1
o-Terphenyl	69	S1-	70 - 130				08/25/22 14:26	08/27/22 01:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	242		4.96		mg/Kg			08/27/22 10:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-41 (2')

Lab Sample ID: 880-18524-41

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 03:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 03:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/25/22 15:41	08/27/22 03:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/25/22 15:41	08/27/22 03:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 12:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		08/25/22 14:33	08/27/22 12:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/25/22 14:33	08/27/22 12:26	1
o-Terphenyl	95		70 - 130	08/25/22 14:33	08/27/22 12:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.05		mg/Kg			08/27/22 10:50	1

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-18524-42

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 04:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/25/22 15:41	08/27/22 04:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/25/22 15:41	08/27/22 04:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-18524-42

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 13:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 13:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/25/22 14:33	08/27/22 13:31	1
o-Terphenyl	102		70 - 130				08/25/22 14:33	08/27/22 13:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223	F1	4.98		mg/Kg			08/27/22 10:58	1

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-18524-43

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/25/22 15:41	08/27/22 04:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/25/22 15:41	08/27/22 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/25/22 15:41	08/27/22 04:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/25/22 15:41	08/27/22 04:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 13:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 13:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-18524-43

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:33	08/27/22 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/25/22 14:33	08/27/22 13:52	1
o-Terphenyl	101		70 - 130				08/25/22 14:33	08/27/22 13:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	202		4.96		mg/Kg			08/27/22 11:21	1

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-18524-44

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 04:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 04:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/25/22 15:41	08/27/22 04:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/25/22 15:41	08/27/22 04:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 14:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 14:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/25/22 14:33	08/27/22 14:13	1
o-Terphenyl	107		70 - 130				08/25/22 14:33	08/27/22 14:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		4.98		mg/Kg			08/27/22 11:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-18524-45

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 06:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 06:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 06:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 06:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 06:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/25/22 15:41	08/27/22 06:14	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/25/22 15:41	08/27/22 06:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 14:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 14:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/25/22 14:33	08/27/22 14:34	1
o-Terphenyl	97		70 - 130	08/25/22 14:33	08/27/22 14:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		5.02		mg/Kg			08/27/22 11:52	1

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-18524-46

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 06:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 06:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 06:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 06:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 06:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/25/22 15:41	08/27/22 06:35	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/25/22 15:41	08/27/22 06:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-18524-46

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 14:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 14:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/25/22 14:33	08/27/22 14:54	1
o-Terphenyl	96		70 - 130				08/25/22 14:33	08/27/22 14:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		4.97		mg/Kg			08/27/22 12:00	1

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-18524-47

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:41	08/27/22 06:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:41	08/27/22 06:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:41	08/27/22 06:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/25/22 15:41	08/27/22 06:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/25/22 15:41	08/27/22 06:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/25/22 15:41	08/27/22 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/25/22 15:41	08/27/22 06:55	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/25/22 15:41	08/27/22 06:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 15:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 15:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-18524-47

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:33	08/27/22 15:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/25/22 14:33	08/27/22 15:15	1
o-Terphenyl	88		70 - 130				08/25/22 14:33	08/27/22 15:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		4.99		mg/Kg			08/27/22 12:08	1

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-18524-48

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 07:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 07:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 07:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 07:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 07:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 07:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/25/22 15:41	08/27/22 07:16	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/25/22 15:41	08/27/22 07:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 15:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 14:33	08/27/22 15:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 14:33	08/27/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				08/25/22 14:33	08/27/22 15:35	1
o-Terphenyl	78		70 - 130				08/25/22 14:33	08/27/22 15:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		4.98		mg/Kg			08/27/22 12:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-18524-49

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 07:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 07:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/25/22 15:41	08/27/22 07:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 15:41	08/27/22 07:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 15:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 15:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	08/25/22 14:33	08/27/22 15:55	1
o-Terphenyl	82		70 - 130	08/25/22 14:33	08/27/22 15:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.00		mg/Kg			08/27/22 12:24	1

Client Sample ID: SW-7 (1')

Lab Sample ID: 880-18524-50

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 07:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 07:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/25/22 15:41	08/27/22 07:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/25/22 15:41	08/27/22 07:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-7 (1')

Lab Sample ID: 880-18524-50

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 16:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/25/22 14:33	08/27/22 16:16	1
o-Terphenyl	80		70 - 130				08/25/22 14:33	08/27/22 16:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		5.04		mg/Kg			08/27/22 12:32	1

Client Sample ID: SW-8 (3')

Lab Sample ID: 880-18524-51

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/25/22 15:41	08/27/22 08:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/25/22 15:41	08/27/22 08:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/25/22 15:41	08/27/22 08:17	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/25/22 15:41	08/27/22 08:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 16:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-8 (3')

Lab Sample ID: 880-18524-51

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:33	08/27/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				08/25/22 14:33	08/27/22 16:56	1
o-Terphenyl	89		70 - 130				08/25/22 14:33	08/27/22 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		4.97		mg/Kg			08/27/22 12:40	1

Client Sample ID: SW-9 (3')

Lab Sample ID: 880-18524-52

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 08:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 08:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:41	08/27/22 08:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/25/22 15:41	08/27/22 08:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/25/22 15:41	08/27/22 08:38	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			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/25/22 14:33	08/27/22 17:16	1
o-Terphenyl	87		70 - 130				08/25/22 14:33	08/27/22 17:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.03		mg/Kg			08/27/22 04:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-10 (3')

Lab Sample ID: 880-18524-53

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 08:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 08:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 08:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 08:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:41	08/27/22 08:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:41	08/27/22 08:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/25/22 15:41	08/27/22 08:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/25/22 15:41	08/27/22 08:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 17:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 17:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	08/25/22 14:33	08/27/22 17:36	1
o-Terphenyl	73		70 - 130	08/25/22 14:33	08/27/22 17:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		4.97		mg/Kg			08/27/22 05:04	1

Client Sample ID: SW-11 (4')

Lab Sample ID: 880-18524-54

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 09:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 09:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 09:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 09:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:41	08/27/22 09:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:41	08/27/22 09:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/25/22 15:41	08/27/22 09:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/25/22 15:41	08/27/22 09:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-11 (4')

Lab Sample ID: 880-18524-54

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 17:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/25/22 14:33	08/27/22 17:56	1
o-Terphenyl	77		70 - 130				08/25/22 14:33	08/27/22 17:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.1		4.96		mg/Kg			08/27/22 05:12	1

Client Sample ID: SW-12 (3')

Lab Sample ID: 880-18524-55

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:15	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:15	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:15	1
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.00398		mg/Kg		08/25/22 15:50	08/26/22 14:15	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:15	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		08/25/22 15:50	08/26/22 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				08/25/22 15:50	08/26/22 14:15	1
1,4-Difluorobenzene (Surr)	130		70 - 130				08/25/22 15:50	08/26/22 14:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 18:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 18:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-12 (3')

Lab Sample ID: 880-18524-55

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 14:33	08/27/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/25/22 14:33	08/27/22 18:16	1
o-Terphenyl	84		70 - 130				08/25/22 14:33	08/27/22 18:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.97		mg/Kg			08/27/22 05:20	1

Client Sample ID: SW-13 (3')

Lab Sample ID: 880-18524-56

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 14:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 14:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 14:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 14:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 14:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				08/25/22 15:50	08/26/22 14:35	1
1,4-Difluorobenzene (Surr)	127		70 - 130				08/25/22 15:50	08/26/22 14:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 18:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 18:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 18:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/25/22 14:33	08/27/22 18:36	1
o-Terphenyl	75		70 - 130				08/25/22 14:33	08/27/22 18:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.97		mg/Kg			08/27/22 05:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-14 (1')

Lab Sample ID: 880-18524-57

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:50	08/26/22 14:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 14:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:50	08/26/22 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	53	S1-	70 - 130	08/25/22 15:50	08/26/22 14:56	1
1,4-Difluorobenzene (Surr)	129		70 - 130	08/25/22 15:50	08/26/22 14:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 18:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 18:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/25/22 14:33	08/27/22 18:56	1
o-Terphenyl	88		70 - 130	08/25/22 14:33	08/27/22 18:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		4.99		mg/Kg			08/27/22 05:51	1

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-18524-58

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 15:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 15:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 15:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:50	08/26/22 15:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 15:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:50	08/26/22 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/25/22 15:50	08/26/22 15:16	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/25/22 15:50	08/26/22 15:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-18524-58

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				08/25/22 14:33	08/27/22 19:16	1
o-Terphenyl	74		70 - 130				08/25/22 14:33	08/27/22 19:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.6		5.05		mg/Kg			08/27/22 05:59	1

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-18524-59

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/22 13:56	08/29/22 00:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 13:56	08/29/22 00:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 13:56	08/29/22 00:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 13:56	08/29/22 00:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 13:56	08/29/22 00:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 13:56	08/29/22 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/22 13:56	08/29/22 00:52	1
1,4-Difluorobenzene (Surr)	79		70 - 130				08/26/22 13:56	08/29/22 00:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 19:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/25/22 14:33	08/27/22 19:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-18524-59

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 14:33	08/27/22 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				08/25/22 14:33	08/27/22 19:36	1
o-Terphenyl	76		70 - 130				08/25/22 14:33	08/27/22 19:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	343		5.03		mg/Kg			08/27/22 06:07	1

Client Sample ID: SW-17 (2')

Lab Sample ID: 880-18524-60

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 15:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 15:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 15:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 15:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 15:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/25/22 15:50	08/26/22 15:57	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/25/22 15:50	08/26/22 15:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 14:33	08/27/22 19:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 19:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 14:33	08/27/22 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/25/22 14:33	08/27/22 19:56	1
o-Terphenyl	83		70 - 130				08/25/22 14:33	08/27/22 19:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		5.02		mg/Kg			08/27/22 06:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-18 (2')

Lab Sample ID: 880-18524-61

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/25/22 15:50	08/26/22 19:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/25/22 15:50	08/26/22 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/25/22 15:50	08/26/22 19:09	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/25/22 15:50	08/26/22 19:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:47	08/25/22 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		08/25/22 13:47	08/25/22 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 13:47	08/25/22 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/25/22 13:47	08/25/22 18:18	1
o-Terphenyl	85		70 - 130	08/25/22 13:47	08/25/22 18:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.00		mg/Kg			08/27/22 06:22	1

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-18524-62

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/25/22 15:50	08/26/22 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 19:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/25/22 15:50	08/26/22 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/25/22 15:50	08/26/22 19:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/25/22 15:50	08/26/22 19:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-18524-62

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:47	08/25/22 18:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		08/25/22 13:47	08/25/22 18:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/25/22 13:47	08/25/22 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/25/22 13:47	08/25/22 18:39	1
o-Terphenyl	89		70 - 130				08/25/22 13:47	08/25/22 18:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.00		mg/Kg			08/27/22 06:30	1

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-18524-63

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 19:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 19:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 19:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/25/22 15:50	08/26/22 19:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/25/22 15:50	08/26/22 19:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/25/22 15:50	08/26/22 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/25/22 15:50	08/26/22 19:50	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/25/22 15:50	08/26/22 19:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 13:47	08/25/22 19:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		08/25/22 13:47	08/25/22 19:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-18524-63

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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		08/25/22 13:47	08/25/22 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/25/22 13:47	08/25/22 19:00	1
o-Terphenyl	82		70 - 130				08/25/22 13:47	08/25/22 19:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.3		5.02		mg/Kg			08/27/22 06:54	1

Client Sample ID: SW-21 (3')

Lab Sample ID: 880-18524-64

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 20:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 20:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 20:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/25/22 15:50	08/26/22 20:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 20:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/25/22 15:50	08/26/22 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				08/25/22 15:50	08/26/22 20:10	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/25/22 15:50	08/26/22 20:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 16:27	08/27/22 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 16:27	08/27/22 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 16:27	08/27/22 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/25/22 16:27	08/27/22 02:50	1
o-Terphenyl	107		70 - 130				08/25/22 16:27	08/27/22 02:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		5.03		mg/Kg			08/27/22 07:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-22 (3')

Lab Sample ID: 880-18524-65

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 20:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/25/22 15:50	08/26/22 20:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/25/22 15:50	08/26/22 20:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 16:27	08/27/22 03:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/25/22 16:27	08/27/22 03:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/25/22 16:27	08/27/22 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	08/25/22 16:27	08/27/22 03:55	1
o-Terphenyl	95		70 - 130	08/25/22 16:27	08/27/22 03:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.97		mg/Kg			08/27/22 07:25	1

Client Sample ID: SW-23 (3')

Lab Sample ID: 880-18524-66

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 20:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/25/22 15:50	08/26/22 20:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/25/22 15:50	08/26/22 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/25/22 15:50	08/26/22 20:51	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/25/22 15:50	08/26/22 20:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-23 (3')

Lab Sample ID: 880-18524-66

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/26/22 17:21	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			08/26/22 09:02	1

Method: 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		08/25/22 16:27	08/27/22 04:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 16:27	08/27/22 04:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 16:27	08/27/22 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/25/22 16:27	08/27/22 04:17	1
o-Terphenyl	95		70 - 130				08/25/22 16:27	08/27/22 04:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.8		4.95		mg/Kg			08/27/22 07:33	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
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)
880-18524-1	CS-1 (3')	110	91
880-18524-2	CS-2 (3')	116	89
880-18524-3	CS-3 (3')	111	87
880-18524-4	CS-4 (3')	113	90
880-18524-5	CS-5 (3')	112	88
880-18524-6	CS-6 (3')	111	89
880-18524-7	CS-7 (3')	116	96
880-18524-8	CS-8 (3')	113	94
880-18524-9	CS-9 (3')	113	93
880-18524-10	CS-10 (4')	115	93
880-18524-11	CS-11 (4')	107	71
880-18524-12	CS-12 (4')	116	94
880-18524-13	CS-13 (3')	91	87
880-18524-14	CS-14 (3')	94	98
880-18524-15	CS-15 (3')	106	89
880-18524-15 MS	CS-15 (3')	122	105
880-18524-15 MSD	CS-15 (3')	123	104
880-18524-16	CS-16 (2')	111	86
880-18524-17	CS-17 (2')	111	85
880-18524-18	CS-18 (2')	114	90
880-18524-19	CS-19 (2')	112	88
880-18524-20	CS-20 (2')	112	86
880-18524-21	CS-21 (2')	119	95
880-18524-22	CS-22 (2')	108	86
880-18524-23	CS-23 (2')	112	87
880-18524-24	CS-24 (2')	112	88
880-18524-25	CS-25 (2')	117	83
880-18524-26	CS-26 (2')	127	84
880-18524-27	CS-27 (2')	118	92
880-18524-28	CS-28 (3')	92	96
880-18524-29	CS-29 (3')	112	93
880-18524-30	CS-30 (3')	111	83
880-18524-31	CS-31 (3')	115	88
880-18524-32	CS-32 (3')	118	87
880-18524-33	CS-33 (3')	108	82
880-18524-34	CS-34 (3')	113	85
880-18524-35	CS-35 (3')	110	93
880-18524-35 MS	CS-35 (3')	123	100
880-18524-35 MSD	CS-35 (3')	122	97
880-18524-36	CS-36 (3')	115	97
880-18524-37	CS-37 (3')	112	97
880-18524-38	CS-38 (3')	111	91
880-18524-39	CS-39 (3')	127	91
880-18524-40	CS-40 (3')	110	92
880-18524-41	CS-41 (2')	117	98
880-18524-42	CS-42 (4')	113	95
880-18524-43	CS-43 (4')	111	93
880-18524-44	SW-1 (3')	115	98
880-18524-45	SW-2 (3')	105	88

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18524-1

Project/Site: Moutray SWD

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-18524-46	SW-3 (3')	114	84
880-18524-47	SW-4 (4')	114	95
880-18524-48	SW-5 (4')	107	85
880-18524-49	SW-6 (4')	115	93
880-18524-50	SW-7 (1')	113	95
880-18524-51	SW-8 (3')	89	89
880-18524-52	SW-9 (3')	119	94
880-18524-53	SW-10 (3')	116	94
880-18524-54	SW-11 (4')	109	92
880-18524-55	SW-12 (3')	76	130
880-18524-55 MS	SW-12 (3')	88	109
880-18524-55 MSD	SW-12 (3')	64 S1-	127
880-18524-56	SW-13 (3')	75	127
880-18524-57	SW-14 (1')	53 S1-	129
880-18524-58	SW-15 (2')	92	108
880-18524-59	SW-16 (2')	87	79
880-18524-60	SW-17 (2')	88	106
880-18524-61	SW-18 (2')	93	106
880-18524-62	SW-19 (1')	91	102
880-18524-63	SW-20 (3')	89	105
880-18524-64	SW-21 (3')	70	120
880-18524-65	SW-22 (3')	92	104
880-18524-66	SW-23 (3')	93	106
880-18551-A-21-A MS	Matrix Spike	116	86
880-18551-A-21-B MSD	Matrix Spike Duplicate	133 S1+	104
LCS 880-32936/1-A	Lab Control Sample	122	106
LCS 880-32990/1-A	Lab Control Sample	140 S1+	95
LCS 880-32993/1-A	Lab Control Sample	124	103
LCS 880-32994/1-A	Lab Control Sample	92	103
LCS 880-33031/1-A	Lab Control Sample	132 S1+	105
LCSD 880-32936/2-A	Lab Control Sample Dup	142 S1+	109
LCSD 880-32990/2-A	Lab Control Sample Dup	108	108
LCSD 880-32993/2-A	Lab Control Sample Dup	144 S1+	109
LCSD 880-32994/2-A	Lab Control Sample Dup	94	108
LCSD 880-33031/2-A	Lab Control Sample Dup	124	96
MB 880-32936/5-A	Method Blank	101	93
MB 880-32990/5-A	Method Blank	106	94
MB 880-32993/5-A	Method Blank	104	93
MB 880-32994/5-A	Method Blank	78	122
MB 880-33031/5-A	Method Blank	90	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18524-1

Project/Site: Moutray SWD

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18524-1	CS-1 (3')	130	123
880-18524-1 MS	CS-1 (3')	122	99
880-18524-1 MSD	CS-1 (3')	106	101
880-18524-2	CS-2 (3')	121	113
880-18524-3	CS-3 (3')	112	108
880-18524-4	CS-4 (3')	108	98
880-18524-5	CS-5 (3')	109	104
880-18524-6	CS-6 (3')	111	112
880-18524-7	CS-7 (3')	117	112
880-18524-8	CS-8 (3')	132 S1+	127
880-18524-9	CS-9 (3')	111	100
880-18524-10	CS-10 (4')	111	103
880-18524-11	CS-11 (4')	112	105
880-18524-12	CS-12 (4')	110	104
880-18524-13	CS-13 (3')	110	104
880-18524-14	CS-14 (3')	109	101
880-18524-15	CS-15 (3')	112	105
880-18524-16	CS-16 (2')	112	106
880-18524-17	CS-17 (2')	120	109
880-18524-18	CS-18 (2')	124	111
880-18524-19	CS-19 (2')	106	98
880-18524-20	CS-20 (2')	105	96
880-18524-21	CS-21 (2')	98	98
880-18524-21 MS	CS-21 (2')	94	82
880-18524-21 MSD	CS-21 (2')	97	85
880-18524-22	CS-22 (2')	94	92
880-18524-23	CS-23 (2')	96	98
880-18524-24	CS-24 (2')	91	92
880-18524-25	CS-25 (2')	100	101
880-18524-26	CS-26 (2')	101	101
880-18524-27	CS-27 (2')	111	118
880-18524-28	CS-28 (3')	108	108
880-18524-29	CS-29 (3')	107	110
880-18524-30	CS-30 (3')	102	97
880-18524-31	CS-31 (3')	115	113
880-18524-32	CS-32 (3')	91	92
880-18524-33	CS-33 (3')	81	80
880-18524-34	CS-34 (3')	92	94
880-18524-35	CS-35 (3')	73	70
880-18524-36	CS-36 (3')	98	95
880-18524-37	CS-37 (3')	38 S1-	76
880-18524-38	CS-38 (3')	81	80
880-18524-39	CS-39 (3')	74	71
880-18524-40	CS-40 (3')	70	69 S1-
880-18524-41	CS-41 (2')	90	95
880-18524-41 MS	CS-41 (2')	73	71
880-18524-41 MSD	CS-41 (2')	84	82
880-18524-42	CS-42 (4')	96	102
880-18524-43	CS-43 (4')	93	101
880-18524-44	SW-1 (3')	95	107

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18524-1

Project/Site: Moutray SWD

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)
880-18524-45	SW-2 (3')	90	97
880-18524-46	SW-3 (3')	93	96
880-18524-47	SW-4 (4')	81	88
880-18524-48	SW-5 (4')	78	78
880-18524-49	SW-6 (4')	79	82
880-18524-50	SW-7 (1')	77	80
880-18524-51	SW-8 (3')	87	89
880-18524-52	SW-9 (3')	84	87
880-18524-53	SW-10 (3')	76	73
880-18524-54	SW-11 (4')	77	77
880-18524-55	SW-12 (3')	82	84
880-18524-56	SW-13 (3')	75	75
880-18524-57	SW-14 (1')	82	88
880-18524-58	SW-15 (2')	71	74
880-18524-59	SW-16 (2')	71	76
880-18524-60	SW-17 (2')	77	83
880-18524-61	SW-18 (2')	97	85
880-18524-62	SW-19 (1')	97	89
880-18524-63	SW-20 (3')	94	82
880-18524-64	SW-21 (3')	116	107
880-18524-64 MS	SW-21 (3')	112	88
880-18524-64 MSD	SW-21 (3')	86	77
880-18524-65	SW-22 (3')	106	95
880-18524-66	SW-23 (3')	101	95
890-2796-A-2-D MS	Matrix Spike	85	80
890-2796-A-2-E MSD	Matrix Spike Duplicate	83	77
LCS 880-32854/2-A	Lab Control Sample	112	134 S1+
LCS 880-32947/2-A	Lab Control Sample	188 S1+	178 S1+
LCS 880-32987/2-A	Lab Control Sample	174 S1+	171 S1+
LCS 880-32988/2-A	Lab Control Sample	100	108
LCS 880-33000/2-A	Lab Control Sample	173 S1+	147 S1+
LCSD 880-32854/3-A	Lab Control Sample Dup	109	133 S1+
LCSD 880-32947/3-A	Lab Control Sample Dup	181 S1+	178 S1+
LCSD 880-32987/3-A	Lab Control Sample Dup	206 S1+	206 S1+
LCSD 880-32988/3-A	Lab Control Sample Dup	97	106
LCSD 880-33000/3-A	Lab Control Sample Dup	174 S1+	152 S1+
MB 880-32854/1-A	Method Blank	106	104
MB 880-32947/1-A	Method Blank	108	107
MB 880-32987/1-A	Method Blank	110	114
MB 880-32988/1-A	Method Blank	73	77
MB 880-33000/1-A	Method Blank	111	108

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32936/5-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/25/22 11:10	08/27/22 14:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/25/22 11:10	08/27/22 14:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 11:10	08/27/22 14:10	1

Lab Sample ID: LCS 880-32936/1-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09405		mg/Kg		94	70 - 130
Toluene	0.100	0.1063		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1097		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2115		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1245		mg/Kg		125	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-32936/2-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1076		mg/Kg		108	70 - 130	13	35
Toluene	0.100	0.1001		mg/Kg		100	70 - 130	6	35
Ethylbenzene	0.100	0.1215		mg/Kg		121	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2518		mg/Kg		126	70 - 130	17	35
o-Xylene	0.100	0.1442	*+	mg/Kg		144	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-18524-15 MS

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: CS-15 (3')

Prep Type: Total/NA

Prep Batch: 32936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08182		mg/Kg		82	70 - 130
Toluene	<0.00200	U	0.0998	0.07643		mg/Kg		77	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18524-15 MS

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: CS-15 (3')

Prep Type: Total/NA

Prep Batch: 32936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.07836		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1612		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U *	0.0998	0.09231		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-18524-15 MSD

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: CS-15 (3')

Prep Type: Total/NA

Prep Batch: 32936

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	0.07962		mg/Kg		79	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.07475		mg/Kg		74	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.07701		mg/Kg		77	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1599		mg/Kg		80	70 - 130	1	35
o-Xylene	<0.00200	U *	0.100	0.09171		mg/Kg		91	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-32990/5-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32990

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 13:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 13:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 13:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/25/22 15:11	08/26/22 13:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:11	08/26/22 13:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/25/22 15:11	08/26/22 13:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/25/22 15:11	08/26/22 13:45	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/25/22 15:11	08/26/22 13:45	1

Lab Sample ID: LCS 880-32990/1-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32990

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08499		mg/Kg		85	70 - 130
Toluene	0.100	0.08592		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.1081		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2089		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-32990/1-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32990

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1214		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-32990/2-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32990

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09882		mg/Kg		99	70 - 130	15	35
Toluene	0.100	0.08570		mg/Kg		86	70 - 130	0	35
Ethylbenzene	0.100	0.08548		mg/Kg		85	70 - 130	23	35
m-Xylene & p-Xylene	0.200	0.1728		mg/Kg		86	70 - 130	19	35
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130	19	35

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

Lab Sample ID: MB 880-32993/5-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32993

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/25/22 15:41	08/27/22 01:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:41	08/27/22 01:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/25/22 15:41	08/27/22 01:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/25/22 15:41	08/27/22 01:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 15:41	08/27/22 01:26	1

Lab Sample ID: LCS 880-32993/1-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1015		mg/Kg		102	70 - 130
Toluene	0.100	0.09773		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2171		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1257		mg/Kg		126	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-32993/1-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32993

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-32993/2-A

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32993

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08893		mg/Kg		89	70 - 130	13	35
Toluene	0.100	0.08641		mg/Kg		86	70 - 130	12	35
Ethylbenzene	0.100	0.1015		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2179		mg/Kg		109	70 - 130	0	35
o-Xylene	0.100	0.1275		mg/Kg		128	70 - 130	1	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-18524-35 MS

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: CS-35 (3')

Prep Type: Total/NA

Prep Batch: 32993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08926		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.0998	0.08575		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09137		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1904		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1101		mg/Kg		110	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-18524-35 MSD

Matrix: Solid

Analysis Batch: 33041

Client Sample ID: CS-35 (3')

Prep Type: Total/NA

Prep Batch: 32993

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	0.08237		mg/Kg		83	70 - 130	8	35
Toluene	<0.00200	U	0.0994	0.08407		mg/Kg		85	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0994	0.08849		mg/Kg		89	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1871		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.00200	U	0.0994	0.1081		mg/Kg		109	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-32994/5-A

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 15:50	08/26/22 13:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/25/22 15:50	08/26/22 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/25/22 15:50	08/26/22 13:46	1
1,4-Difluorobenzene (Surr)	122		70 - 130	08/25/22 15:50	08/26/22 13:46	1

Lab Sample ID: LCS 880-32994/1-A

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1087		mg/Kg		109	70 - 130
Toluene	0.100	0.1045		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1838		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09817		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-32994/2-A

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1074		mg/Kg		107	70 - 130	1	35
Toluene	0.100	0.09954		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.09769		mg/Kg		98	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1750		mg/Kg		88	70 - 130	5	35
o-Xylene	0.100	0.09348		mg/Kg		93	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-18524-55 MS

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: SW-12 (3')

Prep Type: Total/NA

Prep Batch: 32994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.08307		mg/Kg		82	70 - 130
Toluene	<0.00199	U F1	0.0998	0.07484		mg/Kg		74	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18524-55 MS

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: SW-12 (3')

Prep Type: Total/NA

Prep Batch: 32994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U F1	0.0998	0.07199		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.200	0.1244	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00199	U F1	0.0998	0.06583	F1	mg/Kg		65	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-18524-55 MSD

Matrix: Solid

Analysis Batch: 33040

Client Sample ID: SW-12 (3')

Prep Type: Total/NA

Prep Batch: 32994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.08310		mg/Kg		82	70 - 130	0	35
Toluene	<0.00199	U F1	0.100	0.05353	F1	mg/Kg		52	70 - 130	33	35
Ethylbenzene	<0.00199	U F1	0.100	0.05674	F1	mg/Kg		55	70 - 130	24	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.201	0.08496	F2 F1	mg/Kg		41	70 - 130	38	35
o-Xylene	<0.00199	U F1	0.100	0.04958	F1	mg/Kg		49	70 - 130	28	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130
1,4-Difluorobenzene (Surr)	127		70 - 130

Lab Sample ID: MB 880-33031/5-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/22 09:31	08/28/22 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/26/22 09:31	08/28/22 16:15	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/26/22 09:31	08/28/22 16:15	1

Lab Sample ID: LCS 880-33031/1-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1080		mg/Kg		108	70 - 130
Toluene	0.100	0.1135		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2251		mg/Kg		113	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33031/1-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1262		mg/Kg		126	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-33031/2-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1063		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.1147		mg/Kg		115	70 - 130	1	35
Ethylbenzene	0.100	0.1125		mg/Kg		113	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2342		mg/Kg		117	70 - 130	4	35
o-Xylene	0.100	0.1292		mg/Kg		129	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-18551-A-21-A MS

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09362		mg/Kg		93	70 - 130
Toluene	<0.00201	U	0.100	0.1036		mg/Kg		103	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1004		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2066		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.1127		mg/Kg		113	70 - 130

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

Lab Sample ID: 880-18551-A-21-B MSD

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.101	0.1164		mg/Kg		116	70 - 130	22	35
Toluene	<0.00201	U	0.101	0.1224		mg/Kg		122	70 - 130	17	35
Ethylbenzene	<0.00201	U	0.101	0.1181		mg/Kg		117	70 - 130	16	35
m-Xylene & p-Xylene	<0.00402	U	0.201	0.2449		mg/Kg		122	70 - 130	17	35
o-Xylene	<0.00201	U F1	0.101	0.1340	F1	mg/Kg		133	70 - 130	17	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18551-A-21-B MSD

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33031

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-32854/1-A

Matrix: Solid

Analysis Batch: 32892

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32854

	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		08/24/22 13:47	08/25/22 10:52	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 13:47	08/25/22 10:52	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 13:47	08/25/22 10:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	106		70 - 130				08/24/22 13:47	08/25/22 10:52	1	
o-Terphenyl	104		70 - 130				08/24/22 13:47	08/25/22 10:52	1	

Lab Sample ID: LCS 880-32854/2-A

Matrix: Solid

Analysis Batch: 32892

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32854

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1158		mg/Kg		116	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1315	*+	mg/Kg		132	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	112		70 - 130							
o-Terphenyl	134	S1+	70 - 130							

Lab Sample ID: LCSD 880-32854/3-A

Matrix: Solid

Analysis Batch: 32892

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32854

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1261		mg/Kg		126	70 - 130	9	20	
Diesel Range Organics (Over C10-C28)			1000	1324	*+	mg/Kg		132	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	109		70 - 130									
o-Terphenyl	133	S1+	70 - 130									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-2796-A-2-D MS

Matrix: Solid

Analysis Batch: 32892

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32854

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	822.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *	999	897.2		mg/Kg		88	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	85		70 - 130						
o-Terphenyl	80		70 - 130						

Lab Sample ID: 890-2796-A-2-E MSD

Matrix: Solid

Analysis Batch: 32892

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32854

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	998	830.1		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U *	998	879.7		mg/Kg		86	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: MB 880-32947/1-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32947

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		08/25/22 13:16	08/26/22 16:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 16:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 13:16	08/26/22 16:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/25/22 13:16	08/26/22 16:01	1
o-Terphenyl	107		70 - 130				08/25/22 13:16	08/26/22 16:01	1

Lab Sample ID: LCS 880-32947/2-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	932.7		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1089		mg/Kg		109	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-32947/2-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32947

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	188	S1+	70 - 130
o-Terphenyl	178	S1+	70 - 130

Lab Sample ID: LCSD 880-32947/3-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32947

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1004		mg/Kg		100	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1225		mg/Kg		123	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	181	S1+	70 - 130
o-Terphenyl	178	S1+	70 - 130

Lab Sample ID: 880-18524-1 MS

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 32947

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	957.0		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1230		mg/Kg		123	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 880-18524-1 MSD

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 32947

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	998	1008		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1277		mg/Kg		128	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-32987/1-A

Matrix: Solid

Analysis Batch: 33012

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32987

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		08/25/22 14:26	08/26/22 16:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 16:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:26	08/26/22 16:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/25/22 14:26	08/26/22 16:01	1
o-Terphenyl	114		70 - 130				08/25/22 14:26	08/26/22 16:01	1

Lab Sample ID: LCS 880-32987/2-A

Matrix: Solid

Analysis Batch: 33012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32987

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	904.7		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1062		mg/Kg		106	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	174	S1+	70 - 130				
o-Terphenyl	171	S1+	70 - 130				

Lab Sample ID: LCSD 880-32987/3-A

Matrix: Solid

Analysis Batch: 33012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32987

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	851.1		mg/Kg		85	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1129		mg/Kg		113	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	206	S1+	70 - 130						
o-Terphenyl	206	S1+	70 - 130						

Lab Sample ID: 880-18524-21 MS

Matrix: Solid

Analysis Batch: 33012

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 32987

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	565.8	F1	mg/Kg		54	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	836.5		mg/Kg		84	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18524-21 MS

Matrix: Solid

Analysis Batch: 33012

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 32987

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 880-18524-21 MSD

Matrix: Solid

Analysis Batch: 33012

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 32987

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	820.0	F2	mg/Kg		80	70 - 130	37	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	873.8		mg/Kg		88	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: MB 880-32988/1-A

Matrix: Solid

Analysis Batch: 33106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32988

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		08/25/22 14:33	08/27/22 11:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 11:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 14:33	08/27/22 11:01	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	73		70 - 130	08/25/22 14:33	08/27/22 11:01	1
o-Terphenyl	77		70 - 130	08/25/22 14:33	08/27/22 11:01	1

Lab Sample ID: LCS 880-32988/2-A

Matrix: Solid

Analysis Batch: 33106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	932.0		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	942.6		mg/Kg		94	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	108		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-32988/3-A

Matrix: Solid

Analysis Batch: 33106

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32988

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	980.5		mg/Kg		98	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	924.5		mg/Kg		92	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-18524-41 MS

Matrix: Solid

Analysis Batch: 33106

Client Sample ID: CS-41 (2')

Prep Type: Total/NA

Prep Batch: 32988

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	888.1		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	627.0	F1	mg/Kg		63	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	71		70 - 130								

Lab Sample ID: 880-18524-41 MSD

Matrix: Solid

Analysis Batch: 33106

Client Sample ID: CS-41 (2')

Prep Type: Total/NA

Prep Batch: 32988

	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	998	1045		mg/Kg		103	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	723.3		mg/Kg		72	70 - 130	14	20

Lab Sample ID: MB 880-33000/1-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33000

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		08/25/22 16:27	08/27/22 01:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/25/22 16:27	08/27/22 01:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/25/22 16:27	08/27/22 01:45	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-33000/1-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33000

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	111		70 - 130	08/25/22 16:27	08/27/22 01:45	1				
o-Terphenyl	108		70 - 130	08/25/22 16:27	08/27/22 01:45	1				

Lab Sample ID: LCS 880-33000/2-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33000

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	828.3		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	947.3		mg/Kg		95	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	173	S1+	70 - 130								
o-Terphenyl	147	S1+	70 - 130								

Lab Sample ID: LCSD 880-33000/3-A

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33000

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	846.9		mg/Kg		85	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)			1000	977.7		mg/Kg		98	70 - 130	3	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	174	S1+	70 - 130									
o-Terphenyl	152	S1+	70 - 130									

Lab Sample ID: 880-18524-64 MS

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: SW-21 (3')

Prep Type: Total/NA

Prep Batch: 33000

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	771.1		mg/Kg		77	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1116		mg/Kg		109	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	112		70 - 130									
o-Terphenyl	88		70 - 130									

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18524-64 MSD

Matrix: Solid

Analysis Batch: 33010

Client Sample ID: SW-21 (3')

Prep Type: Total/NA

Prep Batch: 33000

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	998	734.0		mg/Kg		74	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	977.8		mg/Kg		95	70 - 130	13	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	77		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32932/1-A

Matrix: Solid

Analysis Batch: 33095

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/26/22 09:44	1

Lab Sample ID: LCS 880-32932/2-A

Matrix: Solid

Analysis Batch: 33095

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.1		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-32932/3-A

Matrix: Solid

Analysis Batch: 33095

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	232.8		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 880-18524-1 MS

Matrix: Solid

Analysis Batch: 33095

Client Sample ID: CS-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120		249	359.7		mg/Kg		96	90 - 110

Lab Sample ID: 880-18524-1 MSD

Matrix: Solid

Analysis Batch: 33095

Client Sample ID: CS-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		249	374.7		mg/Kg		102	90 - 110	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18524-11 MS

Matrix: Solid

Analysis Batch: 33095

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	117		251	378.5		mg/Kg		104	90 - 110

Lab Sample ID: 880-18524-11 MSD

Matrix: Solid

Analysis Batch: 33095

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	117		251	364.1		mg/Kg		98	90 - 110	4	20

Lab Sample ID: MB 880-32935/1-A

Matrix: Solid

Analysis Batch: 33110

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/27/22 04:17	1

Lab Sample ID: LCS 880-32935/2-A

Matrix: Solid

Analysis Batch: 33110

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-32935/3-A

Matrix: Solid

Analysis Batch: 33110

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	246.1		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-18524-52 MS

Matrix: Solid

Analysis Batch: 33110

Client Sample ID: SW-9 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	173		252	424.2		mg/Kg		100	90 - 110

Lab Sample ID: 880-18524-52 MSD

Matrix: Solid

Analysis Batch: 33110

Client Sample ID: SW-9 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	173		252	429.5		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-18524-62 MS

Matrix: Solid

Analysis Batch: 33110

Client Sample ID: SW-19 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	155		250	404.6		mg/Kg		100	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18524-62 MSD

Matrix: Solid

Analysis Batch: 33110

Client Sample ID: SW-19 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	155		250	405.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-32934/1-A

Matrix: Solid

Analysis Batch: 33111

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/27/22 00:53	1

Lab Sample ID: LCS 880-32934/2-A

Matrix: Solid

Analysis Batch: 33111

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.1		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-32934/3-A

Matrix: Solid

Analysis Batch: 33111

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	241.1		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-18524-12 MS

Matrix: Solid

Analysis Batch: 33111

Client Sample ID: CS-12 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	166		253	441.3		mg/Kg		109	90 - 110

Lab Sample ID: 880-18524-12 MSD

Matrix: Solid

Analysis Batch: 33111

Client Sample ID: CS-12 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	166		253	418.8		mg/Kg		100	90 - 110	5	20

Lab Sample ID: 880-18524-22 MS

Matrix: Solid

Analysis Batch: 33111

Client Sample ID: CS-22 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	46.6		250	307.7		mg/Kg		104	90 - 110

Lab Sample ID: 880-18524-22 MSD

Matrix: Solid

Analysis Batch: 33111

Client Sample ID: CS-22 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46.6		250	315.8		mg/Kg		108	90 - 110	3	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32933/1-A

Matrix: Solid

Analysis Batch: 33113

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/27/22 08:44	1

Lab Sample ID: LCS 880-32933/2-A

Matrix: Solid

Analysis Batch: 33113

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-32933/3-A

Matrix: Solid

Analysis Batch: 33113

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	247.7		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-18524-32 MS

Matrix: Solid

Analysis Batch: 33113

Client Sample ID: CS-32 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	309		248	555.5		mg/Kg		99	90 - 110

Lab Sample ID: 880-18524-32 MSD

Matrix: Solid

Analysis Batch: 33113

Client Sample ID: CS-32 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	309		248	560.9		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-18524-42 MS

Matrix: Solid

Analysis Batch: 33113

Client Sample ID: CS-42 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	223	F1	249	415.5	F1	mg/Kg		77	90 - 110

Lab Sample ID: 880-18524-42 MSD

Matrix: Solid

Analysis Batch: 33113

Client Sample ID: CS-42 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	223	F1	249	415.4	F1	mg/Kg		77	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 32936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-15	CS-15 (3')	Total/NA	Solid	5035	
880-18524-16	CS-16 (2')	Total/NA	Solid	5035	
880-18524-17	CS-17 (2')	Total/NA	Solid	5035	
880-18524-18	CS-18 (2')	Total/NA	Solid	5035	
880-18524-19	CS-19 (2')	Total/NA	Solid	5035	
880-18524-20	CS-20 (2')	Total/NA	Solid	5035	
880-18524-21	CS-21 (2')	Total/NA	Solid	5035	
880-18524-22	CS-22 (2')	Total/NA	Solid	5035	
880-18524-23	CS-23 (2')	Total/NA	Solid	5035	
880-18524-24	CS-24 (2')	Total/NA	Solid	5035	
880-18524-25	CS-25 (2')	Total/NA	Solid	5035	
880-18524-26	CS-26 (2')	Total/NA	Solid	5035	
880-18524-27	CS-27 (2')	Total/NA	Solid	5035	
880-18524-28	CS-28 (3')	Total/NA	Solid	5035	
880-18524-29	CS-29 (3')	Total/NA	Solid	5035	
880-18524-30	CS-30 (3')	Total/NA	Solid	5035	
880-18524-31	CS-31 (3')	Total/NA	Solid	5035	
880-18524-32	CS-32 (3')	Total/NA	Solid	5035	
880-18524-33	CS-33 (3')	Total/NA	Solid	5035	
880-18524-34	CS-34 (3')	Total/NA	Solid	5035	
MB 880-32936/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32936/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32936/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18524-15 MS	CS-15 (3')	Total/NA	Solid	5035	
880-18524-15 MSD	CS-15 (3')	Total/NA	Solid	5035	

Prep Batch: 32990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Total/NA	Solid	5035	
880-18524-2	CS-2 (3')	Total/NA	Solid	5035	
880-18524-3	CS-3 (3')	Total/NA	Solid	5035	
880-18524-4	CS-4 (3')	Total/NA	Solid	5035	
880-18524-5	CS-5 (3')	Total/NA	Solid	5035	
880-18524-6	CS-6 (3')	Total/NA	Solid	5035	
880-18524-7	CS-7 (3')	Total/NA	Solid	5035	
880-18524-8	CS-8 (3')	Total/NA	Solid	5035	
880-18524-9	CS-9 (3')	Total/NA	Solid	5035	
880-18524-10	CS-10 (4')	Total/NA	Solid	5035	
880-18524-11	CS-11 (4')	Total/NA	Solid	5035	
880-18524-12	CS-12 (4')	Total/NA	Solid	5035	
880-18524-13	CS-13 (3')	Total/NA	Solid	5035	
880-18524-14	CS-14 (3')	Total/NA	Solid	5035	
MB 880-32990/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32990/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32990/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 32993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-35	CS-35 (3')	Total/NA	Solid	5035	
880-18524-36	CS-36 (3')	Total/NA	Solid	5035	
880-18524-37	CS-37 (3')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 32993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-38	CS-38 (3')	Total/NA	Solid	5035	
880-18524-39	CS-39 (3')	Total/NA	Solid	5035	
880-18524-40	CS-40 (3')	Total/NA	Solid	5035	
880-18524-41	CS-41 (2')	Total/NA	Solid	5035	
880-18524-42	CS-42 (4')	Total/NA	Solid	5035	
880-18524-43	CS-43 (4')	Total/NA	Solid	5035	
880-18524-44	SW-1 (3')	Total/NA	Solid	5035	
880-18524-45	SW-2 (3')	Total/NA	Solid	5035	
880-18524-46	SW-3 (3')	Total/NA	Solid	5035	
880-18524-47	SW-4 (4')	Total/NA	Solid	5035	
880-18524-48	SW-5 (4')	Total/NA	Solid	5035	
880-18524-49	SW-6 (4')	Total/NA	Solid	5035	
880-18524-50	SW-7 (1')	Total/NA	Solid	5035	
880-18524-51	SW-8 (3')	Total/NA	Solid	5035	
880-18524-52	SW-9 (3')	Total/NA	Solid	5035	
880-18524-53	SW-10 (3')	Total/NA	Solid	5035	
880-18524-54	SW-11 (4')	Total/NA	Solid	5035	
MB 880-32993/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32993/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32993/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18524-35 MS	CS-35 (3')	Total/NA	Solid	5035	
880-18524-35 MSD	CS-35 (3')	Total/NA	Solid	5035	

Prep Batch: 32994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-55	SW-12 (3')	Total/NA	Solid	5035	
880-18524-56	SW-13 (3')	Total/NA	Solid	5035	
880-18524-57	SW-14 (1')	Total/NA	Solid	5035	
880-18524-58	SW-15 (2')	Total/NA	Solid	5035	
880-18524-60	SW-17 (2')	Total/NA	Solid	5035	
880-18524-61	SW-18 (2')	Total/NA	Solid	5035	
880-18524-62	SW-19 (1')	Total/NA	Solid	5035	
880-18524-63	SW-20 (3')	Total/NA	Solid	5035	
880-18524-64	SW-21 (3')	Total/NA	Solid	5035	
880-18524-65	SW-22 (3')	Total/NA	Solid	5035	
880-18524-66	SW-23 (3')	Total/NA	Solid	5035	
MB 880-32994/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32994/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32994/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18524-55 MS	SW-12 (3')	Total/NA	Solid	5035	
880-18524-55 MSD	SW-12 (3')	Total/NA	Solid	5035	

Prep Batch: 33031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-59	SW-16 (2')	Total/NA	Solid	5035	
MB 880-33031/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33031/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33031/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18551-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-18551-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 33040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-55	SW-12 (3')	Total/NA	Solid	8021B	32994
880-18524-56	SW-13 (3')	Total/NA	Solid	8021B	32994
880-18524-57	SW-14 (1')	Total/NA	Solid	8021B	32994
880-18524-58	SW-15 (2')	Total/NA	Solid	8021B	32994
880-18524-60	SW-17 (2')	Total/NA	Solid	8021B	32994
880-18524-61	SW-18 (2')	Total/NA	Solid	8021B	32994
880-18524-62	SW-19 (1')	Total/NA	Solid	8021B	32994
880-18524-63	SW-20 (3')	Total/NA	Solid	8021B	32994
880-18524-64	SW-21 (3')	Total/NA	Solid	8021B	32994
880-18524-65	SW-22 (3')	Total/NA	Solid	8021B	32994
880-18524-66	SW-23 (3')	Total/NA	Solid	8021B	32994
MB 880-32994/5-A	Method Blank	Total/NA	Solid	8021B	32994
LCS 880-32994/1-A	Lab Control Sample	Total/NA	Solid	8021B	32994
LCSD 880-32994/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32994
880-18524-55 MS	SW-12 (3')	Total/NA	Solid	8021B	32994
880-18524-55 MSD	SW-12 (3')	Total/NA	Solid	8021B	32994

Analysis Batch: 33041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Total/NA	Solid	8021B	32990
880-18524-2	CS-2 (3')	Total/NA	Solid	8021B	32990
880-18524-3	CS-3 (3')	Total/NA	Solid	8021B	32990
880-18524-4	CS-4 (3')	Total/NA	Solid	8021B	32990
880-18524-5	CS-5 (3')	Total/NA	Solid	8021B	32990
880-18524-6	CS-6 (3')	Total/NA	Solid	8021B	32990
880-18524-7	CS-7 (3')	Total/NA	Solid	8021B	32990
880-18524-8	CS-8 (3')	Total/NA	Solid	8021B	32990
880-18524-9	CS-9 (3')	Total/NA	Solid	8021B	32990
880-18524-10	CS-10 (4')	Total/NA	Solid	8021B	32990
880-18524-11	CS-11 (4')	Total/NA	Solid	8021B	32990
880-18524-12	CS-12 (4')	Total/NA	Solid	8021B	32990
880-18524-13	CS-13 (3')	Total/NA	Solid	8021B	32990
880-18524-14	CS-14 (3')	Total/NA	Solid	8021B	32990
880-18524-35	CS-35 (3')	Total/NA	Solid	8021B	32993
880-18524-36	CS-36 (3')	Total/NA	Solid	8021B	32993
880-18524-37	CS-37 (3')	Total/NA	Solid	8021B	32993
880-18524-38	CS-38 (3')	Total/NA	Solid	8021B	32993
880-18524-39	CS-39 (3')	Total/NA	Solid	8021B	32993
880-18524-40	CS-40 (3')	Total/NA	Solid	8021B	32993
880-18524-41	CS-41 (2')	Total/NA	Solid	8021B	32993
880-18524-42	CS-42 (4')	Total/NA	Solid	8021B	32993
880-18524-43	CS-43 (4')	Total/NA	Solid	8021B	32993
880-18524-44	SW-1 (3')	Total/NA	Solid	8021B	32993
880-18524-45	SW-2 (3')	Total/NA	Solid	8021B	32993
880-18524-46	SW-3 (3')	Total/NA	Solid	8021B	32993
880-18524-47	SW-4 (4')	Total/NA	Solid	8021B	32993
880-18524-48	SW-5 (4')	Total/NA	Solid	8021B	32993
880-18524-49	SW-6 (4')	Total/NA	Solid	8021B	32993
880-18524-50	SW-7 (1')	Total/NA	Solid	8021B	32993
880-18524-51	SW-8 (3')	Total/NA	Solid	8021B	32993
880-18524-52	SW-9 (3')	Total/NA	Solid	8021B	32993

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 33041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-53	SW-10 (3')	Total/NA	Solid	8021B	32993
880-18524-54	SW-11 (4')	Total/NA	Solid	8021B	32993
MB 880-32990/5-A	Method Blank	Total/NA	Solid	8021B	32990
MB 880-32993/5-A	Method Blank	Total/NA	Solid	8021B	32993
LCS 880-32990/1-A	Lab Control Sample	Total/NA	Solid	8021B	32990
LCS 880-32993/1-A	Lab Control Sample	Total/NA	Solid	8021B	32993
LCSD 880-32990/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32990
LCSD 880-32993/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32993
880-18524-35 MS	CS-35 (3')	Total/NA	Solid	8021B	32993
880-18524-35 MSD	CS-35 (3')	Total/NA	Solid	8021B	32993

Analysis Batch: 33089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Total/NA	Solid	Total BTEX	
880-18524-2	CS-2 (3')	Total/NA	Solid	Total BTEX	
880-18524-3	CS-3 (3')	Total/NA	Solid	Total BTEX	
880-18524-4	CS-4 (3')	Total/NA	Solid	Total BTEX	
880-18524-5	CS-5 (3')	Total/NA	Solid	Total BTEX	
880-18524-6	CS-6 (3')	Total/NA	Solid	Total BTEX	
880-18524-7	CS-7 (3')	Total/NA	Solid	Total BTEX	
880-18524-8	CS-8 (3')	Total/NA	Solid	Total BTEX	
880-18524-9	CS-9 (3')	Total/NA	Solid	Total BTEX	
880-18524-10	CS-10 (4')	Total/NA	Solid	Total BTEX	
880-18524-11	CS-11 (4')	Total/NA	Solid	Total BTEX	
880-18524-12	CS-12 (4')	Total/NA	Solid	Total BTEX	
880-18524-13	CS-13 (3')	Total/NA	Solid	Total BTEX	
880-18524-14	CS-14 (3')	Total/NA	Solid	Total BTEX	
880-18524-15	CS-15 (3')	Total/NA	Solid	Total BTEX	
880-18524-16	CS-16 (2')	Total/NA	Solid	Total BTEX	
880-18524-17	CS-17 (2')	Total/NA	Solid	Total BTEX	
880-18524-18	CS-18 (2')	Total/NA	Solid	Total BTEX	
880-18524-19	CS-19 (2')	Total/NA	Solid	Total BTEX	
880-18524-20	CS-20 (2')	Total/NA	Solid	Total BTEX	
880-18524-21	CS-21 (2')	Total/NA	Solid	Total BTEX	
880-18524-22	CS-22 (2')	Total/NA	Solid	Total BTEX	
880-18524-23	CS-23 (2')	Total/NA	Solid	Total BTEX	
880-18524-24	CS-24 (2')	Total/NA	Solid	Total BTEX	
880-18524-25	CS-25 (2')	Total/NA	Solid	Total BTEX	
880-18524-26	CS-26 (2')	Total/NA	Solid	Total BTEX	
880-18524-27	CS-27 (2')	Total/NA	Solid	Total BTEX	
880-18524-28	CS-28 (3')	Total/NA	Solid	Total BTEX	
880-18524-29	CS-29 (3')	Total/NA	Solid	Total BTEX	
880-18524-30	CS-30 (3')	Total/NA	Solid	Total BTEX	
880-18524-31	CS-31 (3')	Total/NA	Solid	Total BTEX	
880-18524-32	CS-32 (3')	Total/NA	Solid	Total BTEX	
880-18524-33	CS-33 (3')	Total/NA	Solid	Total BTEX	
880-18524-34	CS-34 (3')	Total/NA	Solid	Total BTEX	
880-18524-35	CS-35 (3')	Total/NA	Solid	Total BTEX	
880-18524-36	CS-36 (3')	Total/NA	Solid	Total BTEX	
880-18524-37	CS-37 (3')	Total/NA	Solid	Total BTEX	
880-18524-38	CS-38 (3')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 33089 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-39	CS-39 (3')	Total/NA	Solid	Total BTEX	
880-18524-40	CS-40 (3')	Total/NA	Solid	Total BTEX	
880-18524-41	CS-41 (2')	Total/NA	Solid	Total BTEX	
880-18524-42	CS-42 (4')	Total/NA	Solid	Total BTEX	
880-18524-43	CS-43 (4')	Total/NA	Solid	Total BTEX	
880-18524-44	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-18524-45	SW-2 (3')	Total/NA	Solid	Total BTEX	
880-18524-46	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-18524-47	SW-4 (4')	Total/NA	Solid	Total BTEX	
880-18524-48	SW-5 (4')	Total/NA	Solid	Total BTEX	
880-18524-49	SW-6 (4')	Total/NA	Solid	Total BTEX	
880-18524-50	SW-7 (1')	Total/NA	Solid	Total BTEX	
880-18524-51	SW-8 (3')	Total/NA	Solid	Total BTEX	
880-18524-52	SW-9 (3')	Total/NA	Solid	Total BTEX	
880-18524-53	SW-10 (3')	Total/NA	Solid	Total BTEX	
880-18524-54	SW-11 (4')	Total/NA	Solid	Total BTEX	
880-18524-55	SW-12 (3')	Total/NA	Solid	Total BTEX	
880-18524-56	SW-13 (3')	Total/NA	Solid	Total BTEX	
880-18524-57	SW-14 (1')	Total/NA	Solid	Total BTEX	
880-18524-58	SW-15 (2')	Total/NA	Solid	Total BTEX	
880-18524-59	SW-16 (2')	Total/NA	Solid	Total BTEX	
880-18524-60	SW-17 (2')	Total/NA	Solid	Total BTEX	
880-18524-61	SW-18 (2')	Total/NA	Solid	Total BTEX	
880-18524-62	SW-19 (1')	Total/NA	Solid	Total BTEX	
880-18524-63	SW-20 (3')	Total/NA	Solid	Total BTEX	
880-18524-64	SW-21 (3')	Total/NA	Solid	Total BTEX	
880-18524-65	SW-22 (3')	Total/NA	Solid	Total BTEX	
880-18524-66	SW-23 (3')	Total/NA	Solid	Total BTEX	

Analysis Batch: 33108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-15	CS-15 (3')	Total/NA	Solid	8021B	32936
880-18524-16	CS-16 (2')	Total/NA	Solid	8021B	32936
880-18524-17	CS-17 (2')	Total/NA	Solid	8021B	32936
880-18524-18	CS-18 (2')	Total/NA	Solid	8021B	32936
880-18524-19	CS-19 (2')	Total/NA	Solid	8021B	32936
880-18524-20	CS-20 (2')	Total/NA	Solid	8021B	32936
880-18524-21	CS-21 (2')	Total/NA	Solid	8021B	32936
880-18524-22	CS-22 (2')	Total/NA	Solid	8021B	32936
880-18524-23	CS-23 (2')	Total/NA	Solid	8021B	32936
880-18524-24	CS-24 (2')	Total/NA	Solid	8021B	32936
880-18524-25	CS-25 (2')	Total/NA	Solid	8021B	32936
880-18524-26	CS-26 (2')	Total/NA	Solid	8021B	32936
880-18524-27	CS-27 (2')	Total/NA	Solid	8021B	32936
880-18524-28	CS-28 (3')	Total/NA	Solid	8021B	32936
880-18524-29	CS-29 (3')	Total/NA	Solid	8021B	32936
880-18524-30	CS-30 (3')	Total/NA	Solid	8021B	32936
880-18524-31	CS-31 (3')	Total/NA	Solid	8021B	32936
880-18524-32	CS-32 (3')	Total/NA	Solid	8021B	32936
880-18524-33	CS-33 (3')	Total/NA	Solid	8021B	32936
880-18524-34	CS-34 (3')	Total/NA	Solid	8021B	32936

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 33108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32936/5-A	Method Blank	Total/NA	Solid	8021B	32936
LCS 880-32936/1-A	Lab Control Sample	Total/NA	Solid	8021B	32936
LCSD 880-32936/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32936
880-18524-15 MS	CS-15 (3')	Total/NA	Solid	8021B	32936
880-18524-15 MSD	CS-15 (3')	Total/NA	Solid	8021B	32936

Analysis Batch: 33136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-59	SW-16 (2')	Total/NA	Solid	8021B	33031
MB 880-33031/5-A	Method Blank	Total/NA	Solid	8021B	33031
LCS 880-33031/1-A	Lab Control Sample	Total/NA	Solid	8021B	33031
LCSD 880-33031/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33031
880-18551-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	33031
880-18551-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	33031

GC Semi VOA

Prep Batch: 32854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-61	SW-18 (2')	Total/NA	Solid	8015NM Prep	
880-18524-62	SW-19 (1')	Total/NA	Solid	8015NM Prep	
880-18524-63	SW-20 (3')	Total/NA	Solid	8015NM Prep	
MB 880-32854/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32854/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32854/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2796-A-2-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2796-A-2-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-61	SW-18 (2')	Total/NA	Solid	8015B NM	32854
880-18524-62	SW-19 (1')	Total/NA	Solid	8015B NM	32854
880-18524-63	SW-20 (3')	Total/NA	Solid	8015B NM	32854
MB 880-32854/1-A	Method Blank	Total/NA	Solid	8015B NM	32854
LCS 880-32854/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32854
LCSD 880-32854/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32854
890-2796-A-2-D MS	Matrix Spike	Total/NA	Solid	8015B NM	32854
890-2796-A-2-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32854

Prep Batch: 32947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-18524-2	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-18524-3	CS-3 (3')	Total/NA	Solid	8015NM Prep	
880-18524-4	CS-4 (3')	Total/NA	Solid	8015NM Prep	
880-18524-5	CS-5 (3')	Total/NA	Solid	8015NM Prep	
880-18524-6	CS-6 (3')	Total/NA	Solid	8015NM Prep	
880-18524-7	CS-7 (3')	Total/NA	Solid	8015NM Prep	
880-18524-8	CS-8 (3')	Total/NA	Solid	8015NM Prep	
880-18524-9	CS-9 (3')	Total/NA	Solid	8015NM Prep	
880-18524-10	CS-10 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 32947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-11	CS-11 (4')	Total/NA	Solid	8015NM Prep	
880-18524-12	CS-12 (4')	Total/NA	Solid	8015NM Prep	
880-18524-13	CS-13 (3')	Total/NA	Solid	8015NM Prep	
880-18524-14	CS-14 (3')	Total/NA	Solid	8015NM Prep	
880-18524-15	CS-15 (3')	Total/NA	Solid	8015NM Prep	
880-18524-16	CS-16 (2')	Total/NA	Solid	8015NM Prep	
880-18524-17	CS-17 (2')	Total/NA	Solid	8015NM Prep	
880-18524-18	CS-18 (2')	Total/NA	Solid	8015NM Prep	
880-18524-19	CS-19 (2')	Total/NA	Solid	8015NM Prep	
880-18524-20	CS-20 (2')	Total/NA	Solid	8015NM Prep	
MB 880-32947/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32947/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32947/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18524-1 MS	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-18524-1 MSD	CS-1 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 32987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-21	CS-21 (2')	Total/NA	Solid	8015NM Prep	
880-18524-22	CS-22 (2')	Total/NA	Solid	8015NM Prep	
880-18524-23	CS-23 (2')	Total/NA	Solid	8015NM Prep	
880-18524-24	CS-24 (2')	Total/NA	Solid	8015NM Prep	
880-18524-25	CS-25 (2')	Total/NA	Solid	8015NM Prep	
880-18524-26	CS-26 (2')	Total/NA	Solid	8015NM Prep	
880-18524-27	CS-27 (2')	Total/NA	Solid	8015NM Prep	
880-18524-28	CS-28 (3')	Total/NA	Solid	8015NM Prep	
880-18524-29	CS-29 (3')	Total/NA	Solid	8015NM Prep	
880-18524-30	CS-30 (3')	Total/NA	Solid	8015NM Prep	
880-18524-31	CS-31 (3')	Total/NA	Solid	8015NM Prep	
880-18524-32	CS-32 (3')	Total/NA	Solid	8015NM Prep	
880-18524-33	CS-33 (3')	Total/NA	Solid	8015NM Prep	
880-18524-34	CS-34 (3')	Total/NA	Solid	8015NM Prep	
880-18524-35	CS-35 (3')	Total/NA	Solid	8015NM Prep	
880-18524-36	CS-36 (3')	Total/NA	Solid	8015NM Prep	
880-18524-37	CS-37 (3')	Total/NA	Solid	8015NM Prep	
880-18524-38	CS-38 (3')	Total/NA	Solid	8015NM Prep	
880-18524-39	CS-39 (3')	Total/NA	Solid	8015NM Prep	
880-18524-40	CS-40 (3')	Total/NA	Solid	8015NM Prep	
MB 880-32987/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32987/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32987/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18524-21 MS	CS-21 (2')	Total/NA	Solid	8015NM Prep	
880-18524-21 MSD	CS-21 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 32988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-41	CS-41 (2')	Total/NA	Solid	8015NM Prep	
880-18524-42	CS-42 (4')	Total/NA	Solid	8015NM Prep	
880-18524-43	CS-43 (4')	Total/NA	Solid	8015NM Prep	
880-18524-44	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-18524-45	SW-2 (3')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 32988 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-46	SW-3 (3')	Total/NA	Solid	8015NM Prep	
880-18524-47	SW-4 (4')	Total/NA	Solid	8015NM Prep	
880-18524-48	SW-5 (4')	Total/NA	Solid	8015NM Prep	
880-18524-49	SW-6 (4')	Total/NA	Solid	8015NM Prep	
880-18524-50	SW-7 (1')	Total/NA	Solid	8015NM Prep	
880-18524-51	SW-8 (3')	Total/NA	Solid	8015NM Prep	
880-18524-52	SW-9 (3')	Total/NA	Solid	8015NM Prep	
880-18524-53	SW-10 (3')	Total/NA	Solid	8015NM Prep	
880-18524-54	SW-11 (4')	Total/NA	Solid	8015NM Prep	
880-18524-55	SW-12 (3')	Total/NA	Solid	8015NM Prep	
880-18524-56	SW-13 (3')	Total/NA	Solid	8015NM Prep	
880-18524-57	SW-14 (1')	Total/NA	Solid	8015NM Prep	
880-18524-58	SW-15 (2')	Total/NA	Solid	8015NM Prep	
880-18524-59	SW-16 (2')	Total/NA	Solid	8015NM Prep	
880-18524-60	SW-17 (2')	Total/NA	Solid	8015NM Prep	
MB 880-32988/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32988/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32988/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18524-41 MS	CS-41 (2')	Total/NA	Solid	8015NM Prep	
880-18524-41 MSD	CS-41 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 33000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-64	SW-21 (3')	Total/NA	Solid	8015NM Prep	
880-18524-65	SW-22 (3')	Total/NA	Solid	8015NM Prep	
880-18524-66	SW-23 (3')	Total/NA	Solid	8015NM Prep	
MB 880-33000/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33000/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33000/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18524-64 MS	SW-21 (3')	Total/NA	Solid	8015NM Prep	
880-18524-64 MSD	SW-21 (3')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Total/NA	Solid	8015B NM	32947
880-18524-2	CS-2 (3')	Total/NA	Solid	8015B NM	32947
880-18524-3	CS-3 (3')	Total/NA	Solid	8015B NM	32947
880-18524-4	CS-4 (3')	Total/NA	Solid	8015B NM	32947
880-18524-5	CS-5 (3')	Total/NA	Solid	8015B NM	32947
880-18524-6	CS-6 (3')	Total/NA	Solid	8015B NM	32947
880-18524-7	CS-7 (3')	Total/NA	Solid	8015B NM	32947
880-18524-8	CS-8 (3')	Total/NA	Solid	8015B NM	32947
880-18524-9	CS-9 (3')	Total/NA	Solid	8015B NM	32947
880-18524-10	CS-10 (4')	Total/NA	Solid	8015B NM	32947
880-18524-11	CS-11 (4')	Total/NA	Solid	8015B NM	32947
880-18524-12	CS-12 (4')	Total/NA	Solid	8015B NM	32947
880-18524-13	CS-13 (3')	Total/NA	Solid	8015B NM	32947
880-18524-14	CS-14 (3')	Total/NA	Solid	8015B NM	32947
880-18524-15	CS-15 (3')	Total/NA	Solid	8015B NM	32947
880-18524-16	CS-16 (2')	Total/NA	Solid	8015B NM	32947
880-18524-17	CS-17 (2')	Total/NA	Solid	8015B NM	32947

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33010 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-18	CS-18 (2')	Total/NA	Solid	8015B NM	32947
880-18524-19	CS-19 (2')	Total/NA	Solid	8015B NM	32947
880-18524-20	CS-20 (2')	Total/NA	Solid	8015B NM	32947
880-18524-64	SW-21 (3')	Total/NA	Solid	8015B NM	33000
880-18524-65	SW-22 (3')	Total/NA	Solid	8015B NM	33000
880-18524-66	SW-23 (3')	Total/NA	Solid	8015B NM	33000
MB 880-32947/1-A	Method Blank	Total/NA	Solid	8015B NM	32947
MB 880-33000/1-A	Method Blank	Total/NA	Solid	8015B NM	33000
LCS 880-32947/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32947
LCS 880-33000/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33000
LCSD 880-32947/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32947
LCSD 880-33000/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33000
880-18524-1 MS	CS-1 (3')	Total/NA	Solid	8015B NM	32947
880-18524-1 MSD	CS-1 (3')	Total/NA	Solid	8015B NM	32947
880-18524-64 MS	SW-21 (3')	Total/NA	Solid	8015B NM	33000
880-18524-64 MSD	SW-21 (3')	Total/NA	Solid	8015B NM	33000

Analysis Batch: 33012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-21	CS-21 (2')	Total/NA	Solid	8015B NM	32987
880-18524-22	CS-22 (2')	Total/NA	Solid	8015B NM	32987
880-18524-23	CS-23 (2')	Total/NA	Solid	8015B NM	32987
880-18524-24	CS-24 (2')	Total/NA	Solid	8015B NM	32987
880-18524-25	CS-25 (2')	Total/NA	Solid	8015B NM	32987
880-18524-26	CS-26 (2')	Total/NA	Solid	8015B NM	32987
880-18524-27	CS-27 (2')	Total/NA	Solid	8015B NM	32987
880-18524-28	CS-28 (3')	Total/NA	Solid	8015B NM	32987
880-18524-29	CS-29 (3')	Total/NA	Solid	8015B NM	32987
880-18524-30	CS-30 (3')	Total/NA	Solid	8015B NM	32987
880-18524-31	CS-31 (3')	Total/NA	Solid	8015B NM	32987
880-18524-32	CS-32 (3')	Total/NA	Solid	8015B NM	32987
880-18524-33	CS-33 (3')	Total/NA	Solid	8015B NM	32987
880-18524-34	CS-34 (3')	Total/NA	Solid	8015B NM	32987
880-18524-35	CS-35 (3')	Total/NA	Solid	8015B NM	32987
880-18524-36	CS-36 (3')	Total/NA	Solid	8015B NM	32987
880-18524-37	CS-37 (3')	Total/NA	Solid	8015B NM	32987
880-18524-38	CS-38 (3')	Total/NA	Solid	8015B NM	32987
880-18524-39	CS-39 (3')	Total/NA	Solid	8015B NM	32987
880-18524-40	CS-40 (3')	Total/NA	Solid	8015B NM	32987
MB 880-32987/1-A	Method Blank	Total/NA	Solid	8015B NM	32987
LCS 880-32987/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32987
LCSD 880-32987/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32987
880-18524-21 MS	CS-21 (2')	Total/NA	Solid	8015B NM	32987
880-18524-21 MSD	CS-21 (2')	Total/NA	Solid	8015B NM	32987

Analysis Batch: 33020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Total/NA	Solid	8015 NM	
880-18524-2	CS-2 (3')	Total/NA	Solid	8015 NM	
880-18524-3	CS-3 (3')	Total/NA	Solid	8015 NM	
880-18524-4	CS-4 (3')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-5	CS-5 (3')	Total/NA	Solid	8015 NM	
880-18524-6	CS-6 (3')	Total/NA	Solid	8015 NM	
880-18524-7	CS-7 (3')	Total/NA	Solid	8015 NM	
880-18524-8	CS-8 (3')	Total/NA	Solid	8015 NM	
880-18524-9	CS-9 (3')	Total/NA	Solid	8015 NM	
880-18524-10	CS-10 (4')	Total/NA	Solid	8015 NM	
880-18524-11	CS-11 (4')	Total/NA	Solid	8015 NM	
880-18524-12	CS-12 (4')	Total/NA	Solid	8015 NM	
880-18524-13	CS-13 (3')	Total/NA	Solid	8015 NM	
880-18524-14	CS-14 (3')	Total/NA	Solid	8015 NM	
880-18524-15	CS-15 (3')	Total/NA	Solid	8015 NM	
880-18524-16	CS-16 (2')	Total/NA	Solid	8015 NM	
880-18524-17	CS-17 (2')	Total/NA	Solid	8015 NM	
880-18524-18	CS-18 (2')	Total/NA	Solid	8015 NM	
880-18524-19	CS-19 (2')	Total/NA	Solid	8015 NM	
880-18524-20	CS-20 (2')	Total/NA	Solid	8015 NM	
880-18524-21	CS-21 (2')	Total/NA	Solid	8015 NM	
880-18524-22	CS-22 (2')	Total/NA	Solid	8015 NM	
880-18524-23	CS-23 (2')	Total/NA	Solid	8015 NM	
880-18524-24	CS-24 (2')	Total/NA	Solid	8015 NM	
880-18524-25	CS-25 (2')	Total/NA	Solid	8015 NM	
880-18524-26	CS-26 (2')	Total/NA	Solid	8015 NM	
880-18524-27	CS-27 (2')	Total/NA	Solid	8015 NM	
880-18524-28	CS-28 (3')	Total/NA	Solid	8015 NM	
880-18524-29	CS-29 (3')	Total/NA	Solid	8015 NM	
880-18524-30	CS-30 (3')	Total/NA	Solid	8015 NM	
880-18524-31	CS-31 (3')	Total/NA	Solid	8015 NM	
880-18524-32	CS-32 (3')	Total/NA	Solid	8015 NM	
880-18524-33	CS-33 (3')	Total/NA	Solid	8015 NM	
880-18524-34	CS-34 (3')	Total/NA	Solid	8015 NM	
880-18524-35	CS-35 (3')	Total/NA	Solid	8015 NM	
880-18524-36	CS-36 (3')	Total/NA	Solid	8015 NM	
880-18524-37	CS-37 (3')	Total/NA	Solid	8015 NM	
880-18524-38	CS-38 (3')	Total/NA	Solid	8015 NM	
880-18524-39	CS-39 (3')	Total/NA	Solid	8015 NM	
880-18524-40	CS-40 (3')	Total/NA	Solid	8015 NM	
880-18524-41	CS-41 (2')	Total/NA	Solid	8015 NM	
880-18524-42	CS-42 (4')	Total/NA	Solid	8015 NM	
880-18524-43	CS-43 (4')	Total/NA	Solid	8015 NM	
880-18524-44	SW-1 (3')	Total/NA	Solid	8015 NM	
880-18524-45	SW-2 (3')	Total/NA	Solid	8015 NM	
880-18524-46	SW-3 (3')	Total/NA	Solid	8015 NM	
880-18524-47	SW-4 (4')	Total/NA	Solid	8015 NM	
880-18524-48	SW-5 (4')	Total/NA	Solid	8015 NM	
880-18524-49	SW-6 (4')	Total/NA	Solid	8015 NM	
880-18524-50	SW-7 (1')	Total/NA	Solid	8015 NM	
880-18524-51	SW-8 (3')	Total/NA	Solid	8015 NM	
880-18524-52	SW-9 (3')	Total/NA	Solid	8015 NM	
880-18524-53	SW-10 (3')	Total/NA	Solid	8015 NM	
880-18524-54	SW-11 (4')	Total/NA	Solid	8015 NM	
880-18524-55	SW-12 (3')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-56	SW-13 (3')	Total/NA	Solid	8015 NM	
880-18524-57	SW-14 (1')	Total/NA	Solid	8015 NM	
880-18524-58	SW-15 (2')	Total/NA	Solid	8015 NM	
880-18524-59	SW-16 (2')	Total/NA	Solid	8015 NM	
880-18524-60	SW-17 (2')	Total/NA	Solid	8015 NM	
880-18524-61	SW-18 (2')	Total/NA	Solid	8015 NM	
880-18524-62	SW-19 (1')	Total/NA	Solid	8015 NM	
880-18524-63	SW-20 (3')	Total/NA	Solid	8015 NM	
880-18524-64	SW-21 (3')	Total/NA	Solid	8015 NM	
880-18524-65	SW-22 (3')	Total/NA	Solid	8015 NM	
880-18524-66	SW-23 (3')	Total/NA	Solid	8015 NM	

Analysis Batch: 33106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-41	CS-41 (2')	Total/NA	Solid	8015B NM	32988
880-18524-42	CS-42 (4')	Total/NA	Solid	8015B NM	32988
880-18524-43	CS-43 (4')	Total/NA	Solid	8015B NM	32988
880-18524-44	SW-1 (3')	Total/NA	Solid	8015B NM	32988
880-18524-45	SW-2 (3')	Total/NA	Solid	8015B NM	32988
880-18524-46	SW-3 (3')	Total/NA	Solid	8015B NM	32988
880-18524-47	SW-4 (4')	Total/NA	Solid	8015B NM	32988
880-18524-48	SW-5 (4')	Total/NA	Solid	8015B NM	32988
880-18524-49	SW-6 (4')	Total/NA	Solid	8015B NM	32988
880-18524-50	SW-7 (1')	Total/NA	Solid	8015B NM	32988
880-18524-51	SW-8 (3')	Total/NA	Solid	8015B NM	32988
880-18524-52	SW-9 (3')	Total/NA	Solid	8015B NM	32988
880-18524-53	SW-10 (3')	Total/NA	Solid	8015B NM	32988
880-18524-54	SW-11 (4')	Total/NA	Solid	8015B NM	32988
880-18524-55	SW-12 (3')	Total/NA	Solid	8015B NM	32988
880-18524-56	SW-13 (3')	Total/NA	Solid	8015B NM	32988
880-18524-57	SW-14 (1')	Total/NA	Solid	8015B NM	32988
880-18524-58	SW-15 (2')	Total/NA	Solid	8015B NM	32988
880-18524-59	SW-16 (2')	Total/NA	Solid	8015B NM	32988
880-18524-60	SW-17 (2')	Total/NA	Solid	8015B NM	32988
MB 880-32988/1-A	Method Blank	Total/NA	Solid	8015B NM	32988
LCS 880-32988/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32988
LCSD 880-32988/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32988
880-18524-41 MS	CS-41 (2')	Total/NA	Solid	8015B NM	32988
880-18524-41 MSD	CS-41 (2')	Total/NA	Solid	8015B NM	32988

HPLC/IC

Leach Batch: 32932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Soluble	Solid	DI Leach	
880-18524-2	CS-2 (3')	Soluble	Solid	DI Leach	
880-18524-3	CS-3 (3')	Soluble	Solid	DI Leach	
880-18524-4	CS-4 (3')	Soluble	Solid	DI Leach	
880-18524-5	CS-5 (3')	Soluble	Solid	DI Leach	
880-18524-6	CS-6 (3')	Soluble	Solid	DI Leach	
880-18524-7	CS-7 (3')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 32932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-8	CS-8 (3')	Soluble	Solid	DI Leach	
880-18524-9	CS-9 (3')	Soluble	Solid	DI Leach	
880-18524-10	CS-10 (4')	Soluble	Solid	DI Leach	
880-18524-11	CS-11 (4')	Soluble	Solid	DI Leach	
MB 880-32932/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32932/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32932/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18524-1 MS	CS-1 (3')	Soluble	Solid	DI Leach	
880-18524-1 MSD	CS-1 (3')	Soluble	Solid	DI Leach	
880-18524-11 MS	CS-11 (4')	Soluble	Solid	DI Leach	
880-18524-11 MSD	CS-11 (4')	Soluble	Solid	DI Leach	

Leach Batch: 32933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-32	CS-32 (3')	Soluble	Solid	DI Leach	
880-18524-33	CS-33 (3')	Soluble	Solid	DI Leach	
880-18524-34	CS-34 (3')	Soluble	Solid	DI Leach	
880-18524-35	CS-35 (3')	Soluble	Solid	DI Leach	
880-18524-36	CS-36 (3')	Soluble	Solid	DI Leach	
880-18524-37	CS-37 (3')	Soluble	Solid	DI Leach	
880-18524-38	CS-38 (3')	Soluble	Solid	DI Leach	
880-18524-39	CS-39 (3')	Soluble	Solid	DI Leach	
880-18524-40	CS-40 (3')	Soluble	Solid	DI Leach	
880-18524-41	CS-41 (2')	Soluble	Solid	DI Leach	
880-18524-42	CS-42 (4')	Soluble	Solid	DI Leach	
880-18524-43	CS-43 (4')	Soluble	Solid	DI Leach	
880-18524-44	SW-1 (3')	Soluble	Solid	DI Leach	
880-18524-45	SW-2 (3')	Soluble	Solid	DI Leach	
880-18524-46	SW-3 (3')	Soluble	Solid	DI Leach	
880-18524-47	SW-4 (4')	Soluble	Solid	DI Leach	
880-18524-48	SW-5 (4')	Soluble	Solid	DI Leach	
880-18524-49	SW-6 (4')	Soluble	Solid	DI Leach	
880-18524-50	SW-7 (1')	Soluble	Solid	DI Leach	
880-18524-51	SW-8 (3')	Soluble	Solid	DI Leach	
MB 880-32933/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32933/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32933/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18524-32 MS	CS-32 (3')	Soluble	Solid	DI Leach	
880-18524-32 MSD	CS-32 (3')	Soluble	Solid	DI Leach	
880-18524-42 MS	CS-42 (4')	Soluble	Solid	DI Leach	
880-18524-42 MSD	CS-42 (4')	Soluble	Solid	DI Leach	

Leach Batch: 32934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-12	CS-12 (4')	Soluble	Solid	DI Leach	
880-18524-13	CS-13 (3')	Soluble	Solid	DI Leach	
880-18524-14	CS-14 (3')	Soluble	Solid	DI Leach	
880-18524-15	CS-15 (3')	Soluble	Solid	DI Leach	
880-18524-16	CS-16 (2')	Soluble	Solid	DI Leach	
880-18524-17	CS-17 (2')	Soluble	Solid	DI Leach	
880-18524-18	CS-18 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 32934 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-19	CS-19 (2')	Soluble	Solid	DI Leach	
880-18524-20	CS-20 (2')	Soluble	Solid	DI Leach	
880-18524-21	CS-21 (2')	Soluble	Solid	DI Leach	
880-18524-22	CS-22 (2')	Soluble	Solid	DI Leach	
880-18524-23	CS-23 (2')	Soluble	Solid	DI Leach	
880-18524-24	CS-24 (2')	Soluble	Solid	DI Leach	
880-18524-25	CS-25 (2')	Soluble	Solid	DI Leach	
880-18524-26	CS-26 (2')	Soluble	Solid	DI Leach	
880-18524-27	CS-27 (2')	Soluble	Solid	DI Leach	
880-18524-28	CS-28 (3')	Soluble	Solid	DI Leach	
880-18524-29	CS-29 (3')	Soluble	Solid	DI Leach	
880-18524-30	CS-30 (3')	Soluble	Solid	DI Leach	
880-18524-31	CS-31 (3')	Soluble	Solid	DI Leach	
MB 880-32934/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32934/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32934/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18524-12 MS	CS-12 (4')	Soluble	Solid	DI Leach	
880-18524-12 MSD	CS-12 (4')	Soluble	Solid	DI Leach	
880-18524-22 MS	CS-22 (2')	Soluble	Solid	DI Leach	
880-18524-22 MSD	CS-22 (2')	Soluble	Solid	DI Leach	

Leach Batch: 32935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-52	SW-9 (3')	Soluble	Solid	DI Leach	
880-18524-53	SW-10 (3')	Soluble	Solid	DI Leach	
880-18524-54	SW-11 (4')	Soluble	Solid	DI Leach	
880-18524-55	SW-12 (3')	Soluble	Solid	DI Leach	
880-18524-56	SW-13 (3')	Soluble	Solid	DI Leach	
880-18524-57	SW-14 (1')	Soluble	Solid	DI Leach	
880-18524-58	SW-15 (2')	Soluble	Solid	DI Leach	
880-18524-59	SW-16 (2')	Soluble	Solid	DI Leach	
880-18524-60	SW-17 (2')	Soluble	Solid	DI Leach	
880-18524-61	SW-18 (2')	Soluble	Solid	DI Leach	
880-18524-62	SW-19 (1')	Soluble	Solid	DI Leach	
880-18524-63	SW-20 (3')	Soluble	Solid	DI Leach	
880-18524-64	SW-21 (3')	Soluble	Solid	DI Leach	
880-18524-65	SW-22 (3')	Soluble	Solid	DI Leach	
880-18524-66	SW-23 (3')	Soluble	Solid	DI Leach	
MB 880-32935/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32935/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32935/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18524-52 MS	SW-9 (3')	Soluble	Solid	DI Leach	
880-18524-52 MSD	SW-9 (3')	Soluble	Solid	DI Leach	
880-18524-62 MS	SW-19 (1')	Soluble	Solid	DI Leach	
880-18524-62 MSD	SW-19 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 33095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-1	CS-1 (3')	Soluble	Solid	300.0	32932
880-18524-2	CS-2 (3')	Soluble	Solid	300.0	32932
880-18524-3	CS-3 (3')	Soluble	Solid	300.0	32932

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 33095 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-4	CS-4 (3')	Soluble	Solid	300.0	32932
880-18524-5	CS-5 (3')	Soluble	Solid	300.0	32932
880-18524-6	CS-6 (3')	Soluble	Solid	300.0	32932
880-18524-7	CS-7 (3')	Soluble	Solid	300.0	32932
880-18524-8	CS-8 (3')	Soluble	Solid	300.0	32932
880-18524-9	CS-9 (3')	Soluble	Solid	300.0	32932
880-18524-10	CS-10 (4')	Soluble	Solid	300.0	32932
880-18524-11	CS-11 (4')	Soluble	Solid	300.0	32932
MB 880-32932/1-A	Method Blank	Soluble	Solid	300.0	32932
LCS 880-32932/2-A	Lab Control Sample	Soluble	Solid	300.0	32932
LCSD 880-32932/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32932
880-18524-1 MS	CS-1 (3')	Soluble	Solid	300.0	32932
880-18524-1 MSD	CS-1 (3')	Soluble	Solid	300.0	32932
880-18524-11 MS	CS-11 (4')	Soluble	Solid	300.0	32932
880-18524-11 MSD	CS-11 (4')	Soluble	Solid	300.0	32932

Analysis Batch: 33110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-52	SW-9 (3')	Soluble	Solid	300.0	32935
880-18524-53	SW-10 (3')	Soluble	Solid	300.0	32935
880-18524-54	SW-11 (4')	Soluble	Solid	300.0	32935
880-18524-55	SW-12 (3')	Soluble	Solid	300.0	32935
880-18524-56	SW-13 (3')	Soluble	Solid	300.0	32935
880-18524-57	SW-14 (1')	Soluble	Solid	300.0	32935
880-18524-58	SW-15 (2')	Soluble	Solid	300.0	32935
880-18524-59	SW-16 (2')	Soluble	Solid	300.0	32935
880-18524-60	SW-17 (2')	Soluble	Solid	300.0	32935
880-18524-61	SW-18 (2')	Soluble	Solid	300.0	32935
880-18524-62	SW-19 (1')	Soluble	Solid	300.0	32935
880-18524-63	SW-20 (3')	Soluble	Solid	300.0	32935
880-18524-64	SW-21 (3')	Soluble	Solid	300.0	32935
880-18524-65	SW-22 (3')	Soluble	Solid	300.0	32935
880-18524-66	SW-23 (3')	Soluble	Solid	300.0	32935
MB 880-32935/1-A	Method Blank	Soluble	Solid	300.0	32935
LCS 880-32935/2-A	Lab Control Sample	Soluble	Solid	300.0	32935
LCSD 880-32935/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32935
880-18524-52 MS	SW-9 (3')	Soluble	Solid	300.0	32935
880-18524-52 MSD	SW-9 (3')	Soluble	Solid	300.0	32935
880-18524-62 MS	SW-19 (1')	Soluble	Solid	300.0	32935
880-18524-62 MSD	SW-19 (1')	Soluble	Solid	300.0	32935

Analysis Batch: 33111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-12	CS-12 (4')	Soluble	Solid	300.0	32934
880-18524-13	CS-13 (3')	Soluble	Solid	300.0	32934
880-18524-14	CS-14 (3')	Soluble	Solid	300.0	32934
880-18524-15	CS-15 (3')	Soluble	Solid	300.0	32934
880-18524-16	CS-16 (2')	Soluble	Solid	300.0	32934
880-18524-17	CS-17 (2')	Soluble	Solid	300.0	32934
880-18524-18	CS-18 (2')	Soluble	Solid	300.0	32934
880-18524-19	CS-19 (2')	Soluble	Solid	300.0	32934

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 33111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-20	CS-20 (2')	Soluble	Solid	300.0	32934
880-18524-21	CS-21 (2')	Soluble	Solid	300.0	32934
880-18524-22	CS-22 (2')	Soluble	Solid	300.0	32934
880-18524-23	CS-23 (2')	Soluble	Solid	300.0	32934
880-18524-24	CS-24 (2')	Soluble	Solid	300.0	32934
880-18524-25	CS-25 (2')	Soluble	Solid	300.0	32934
880-18524-26	CS-26 (2')	Soluble	Solid	300.0	32934
880-18524-27	CS-27 (2')	Soluble	Solid	300.0	32934
880-18524-28	CS-28 (3')	Soluble	Solid	300.0	32934
880-18524-29	CS-29 (3')	Soluble	Solid	300.0	32934
880-18524-30	CS-30 (3')	Soluble	Solid	300.0	32934
880-18524-31	CS-31 (3')	Soluble	Solid	300.0	32934
MB 880-32934/1-A	Method Blank	Soluble	Solid	300.0	32934
LCS 880-32934/2-A	Lab Control Sample	Soluble	Solid	300.0	32934
LCSD 880-32934/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32934
880-18524-12 MS	CS-12 (4')	Soluble	Solid	300.0	32934
880-18524-12 MSD	CS-12 (4')	Soluble	Solid	300.0	32934
880-18524-22 MS	CS-22 (2')	Soluble	Solid	300.0	32934
880-18524-22 MSD	CS-22 (2')	Soluble	Solid	300.0	32934

Analysis Batch: 33113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18524-32	CS-32 (3')	Soluble	Solid	300.0	32933
880-18524-33	CS-33 (3')	Soluble	Solid	300.0	32933
880-18524-34	CS-34 (3')	Soluble	Solid	300.0	32933
880-18524-35	CS-35 (3')	Soluble	Solid	300.0	32933
880-18524-36	CS-36 (3')	Soluble	Solid	300.0	32933
880-18524-37	CS-37 (3')	Soluble	Solid	300.0	32933
880-18524-38	CS-38 (3')	Soluble	Solid	300.0	32933
880-18524-39	CS-39 (3')	Soluble	Solid	300.0	32933
880-18524-40	CS-40 (3')	Soluble	Solid	300.0	32933
880-18524-41	CS-41 (2')	Soluble	Solid	300.0	32933
880-18524-42	CS-42 (4')	Soluble	Solid	300.0	32933
880-18524-43	CS-43 (4')	Soluble	Solid	300.0	32933
880-18524-44	SW-1 (3')	Soluble	Solid	300.0	32933
880-18524-45	SW-2 (3')	Soluble	Solid	300.0	32933
880-18524-46	SW-3 (3')	Soluble	Solid	300.0	32933
880-18524-47	SW-4 (4')	Soluble	Solid	300.0	32933
880-18524-48	SW-5 (4')	Soluble	Solid	300.0	32933
880-18524-49	SW-6 (4')	Soluble	Solid	300.0	32933
880-18524-50	SW-7 (1')	Soluble	Solid	300.0	32933
880-18524-51	SW-8 (3')	Soluble	Solid	300.0	32933
MB 880-32933/1-A	Method Blank	Soluble	Solid	300.0	32933
LCS 880-32933/2-A	Lab Control Sample	Soluble	Solid	300.0	32933
LCSD 880-32933/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32933
880-18524-32 MS	CS-32 (3')	Soluble	Solid	300.0	32933
880-18524-32 MSD	CS-32 (3')	Soluble	Solid	300.0	32933
880-18524-42 MS	CS-42 (4')	Soluble	Solid	300.0	32933
880-18524-42 MSD	CS-42 (4')	Soluble	Solid	300.0	32933

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-18524-1

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 17:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 17:06	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 10:12	SMC	EET MID

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-18524-2

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 17:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 18:10	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 10:39	SMC	EET MID

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-18524-3

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 17:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 18:32	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 10:48	SMC	EET MID

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-18524-4

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 18:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-18524-4

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 18:54	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 10:58	SMC	EET MID

Client Sample ID: CS-5 (3')

Lab Sample ID: 880-18524-5

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 19:39	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 19:16	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 11:07	SMC	EET MID

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-18524-6

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 19:59	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 19:37	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 11:34	SMC	EET MID

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-18524-7

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 20:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 19:59	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-18524-7

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 11:44	SMC	EET MID

Client Sample ID: CS-8 (3')

Lab Sample ID: 880-18524-8

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 20:40	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 20:20	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 11:53	SMC	EET MID

Client Sample ID: CS-9 (3')

Lab Sample ID: 880-18524-9

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 21:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 20:42	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 12:02	SMC	EET MID

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-18524-10

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 21:21	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 21:04	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 12:11	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-18524-11

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 21:42	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 21:46	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32932	08/25/22 10:32	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33095	08/26/22 12:21	SMC	EET MID

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-18524-12

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 22:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 22:08	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 01:21	CH	EET MID

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-18524-13

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 22:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 22:29	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 01:49	CH	EET MID

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-18524-14

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32990	08/25/22 15:11	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/26/22 22:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-18524-14

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 22:51	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 01:58	CH	EET MID

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-18524-15

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 14:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 23:13	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 02:07	CH	EET MID

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-18524-16

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 14:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 23:35	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 02:16	CH	EET MID

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-18524-17

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 15:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/26/22 23:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-18524-17

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 02:44	CH	EET MID

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-18524-18

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 16:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/27/22 00:18	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 02:53	CH	EET MID

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-18524-19

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 16:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/27/22 00:39	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 03:02	CH	EET MID

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-18524-20

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 16:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32947	08/25/22 13:16	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/27/22 01:01	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 03:12	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-18524-21

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 17:12	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 17:06	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 03:21	CH	EET MID

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-18524-22

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 17:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 18:10	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 03:30	CH	EET MID

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-18524-23

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 17:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 18:32	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 03:58	CH	EET MID

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-18524-24

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 18:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-18524-24

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 18:54	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 04:07	CH	EET MID

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-18524-25

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 19:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 19:16	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 04:35	CH	EET MID

Client Sample ID: CS-26 (2')

Lab Sample ID: 880-18524-26

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 19:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 19:37	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 04:44	CH	EET MID

Client Sample ID: CS-27 (2')

Lab Sample ID: 880-18524-27

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 20:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 19:59	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-27 (2')

Lab Sample ID: 880-18524-27

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 04:53	CH	EET MID

Client Sample ID: CS-28 (3')

Lab Sample ID: 880-18524-28

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 20:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 20:20	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 05:02	CH	EET MID

Client Sample ID: CS-29 (3')

Lab Sample ID: 880-18524-29

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 20:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 20:42	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 05:12	CH	EET MID

Client Sample ID: CS-30 (3')

Lab Sample ID: 880-18524-30

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 21:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 21:04	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 05:21	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-31 (3')

Lab Sample ID: 880-18524-31

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 21:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 21:46	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32934	08/25/22 10:39	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33111	08/27/22 05:30	CH	EET MID

Client Sample ID: CS-32 (3')

Lab Sample ID: 880-18524-32

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 21:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 22:08	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 09:08	CH	EET MID

Client Sample ID: CS-33 (3')

Lab Sample ID: 880-18524-33

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 22:18	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 22:29	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 09:31	CH	EET MID

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-18524-34

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32936	08/25/22 11:10	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/27/22 22:38	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-34 (3')

Lab Sample ID: 880-18524-34

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 22:51	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 09:39	CH	EET MID

Client Sample ID: CS-35 (3')

Lab Sample ID: 880-18524-35

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 01:47	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 23:13	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 09:47	CH	EET MID

Client Sample ID: CS-36 (3')

Lab Sample ID: 880-18524-36

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 02:08	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 23:35	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 09:55	CH	EET MID

Client Sample ID: CS-37 (3')

Lab Sample ID: 880-18524-37

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 02:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/26/22 23:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-37 (3')

Lab Sample ID: 880-18524-37

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 10:18	CH	EET MID

Client Sample ID: CS-38 (3')

Lab Sample ID: 880-18524-38

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 02:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 00:18	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 10:26	CH	EET MID

Client Sample ID: CS-39 (3')

Lab Sample ID: 880-18524-39

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 03:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 00:39	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 10:34	CH	EET MID

Client Sample ID: CS-40 (3')

Lab Sample ID: 880-18524-40

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 03:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32987	08/25/22 14:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 01:01	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 10:42	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: CS-41 (2')

Lab Sample ID: 880-18524-41

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 03:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 12:26	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 10:50	CH	EET MID

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-18524-42

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 04:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 13:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 10:58	CH	EET MID

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-18524-43

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 04:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 13:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 11:21	CH	EET MID

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-18524-44

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 04:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-18524-44

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 14:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 11:29	CH	EET MID

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-18524-45

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 06:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 14:34	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 11:52	CH	EET MID

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-18524-46

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 06:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 14:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 12:00	CH	EET MID

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-18524-47

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 06:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 15:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-4 (4')

Lab Sample ID: 880-18524-47

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 12:08	CH	EET MID

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-18524-48

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 07:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 15:35	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 12:16	CH	EET MID

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-18524-49

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 07:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 15:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 12:24	CH	EET MID

Client Sample ID: SW-7 (1')

Lab Sample ID: 880-18524-50

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 07:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 16:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 12:32	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-8 (3')

Lab Sample ID: 880-18524-51

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 08:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 16:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32933	08/25/22 10:36	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33113	08/27/22 12:40	CH	EET MID

Client Sample ID: SW-9 (3')

Lab Sample ID: 880-18524-52

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 08:38	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 17:16	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 04:40	CH	EET MID

Client Sample ID: SW-10 (3')

Lab Sample ID: 880-18524-53

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 08:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 17:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 05:04	CH	EET MID

Client Sample ID: SW-11 (4')

Lab Sample ID: 880-18524-54

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32993	08/25/22 15:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33041	08/27/22 09:19	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-11 (4')

Lab Sample ID: 880-18524-54

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 17:56	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 05:12	CH	EET MID

Client Sample ID: SW-12 (3')

Lab Sample ID: 880-18524-55

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 14:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 18:16	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 05:20	CH	EET MID

Client Sample ID: SW-13 (3')

Lab Sample ID: 880-18524-56

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 14:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 18:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 05:27	CH	EET MID

Client Sample ID: SW-14 (1')

Lab Sample ID: 880-18524-57

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 14:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 18:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-14 (1')**Lab Sample ID: 880-18524-57****Date Collected: 08/24/22 00:00****Matrix: Solid****Date Received: 08/25/22 08:34**

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	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 05:51	CH	EET MID

Client Sample ID: SW-15 (2')**Lab Sample ID: 880-18524-58****Date Collected: 08/24/22 00:00****Matrix: Solid****Date Received: 08/25/22 08:34**

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 15:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 19:16	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 05:59	CH	EET MID

Client Sample ID: SW-16 (2')**Lab Sample ID: 880-18524-59****Date Collected: 08/24/22 00:00****Matrix: Solid****Date Received: 08/25/22 08:34**

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	33031	08/26/22 13:56	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/29/22 00:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 19:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 06:07	CH	EET MID

Client Sample ID: SW-17 (2')**Lab Sample ID: 880-18524-60****Date Collected: 08/24/22 00:00****Matrix: Solid****Date Received: 08/25/22 08:34**

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 15:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32988	08/25/22 14:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33106	08/27/22 19:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 06:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-18 (2')

Lab Sample ID: 880-18524-61

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 19:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32854	08/25/22 13:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	32892	08/25/22 18:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 06:22	CH	EET MID

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-18524-62

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 19:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32854	08/25/22 13:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	32892	08/25/22 18:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 06:30	CH	EET MID

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-18524-63

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 19:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32854	08/25/22 13:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	32892	08/25/22 19:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 06:54	CH	EET MID

Client Sample ID: SW-21 (3')

Lab Sample ID: 880-18524-64

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 20:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Client Sample ID: SW-21 (3')

Lab Sample ID: 880-18524-64

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/27/22 02:50	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 07:02	CH	EET MID

Client Sample ID: SW-22 (3')

Lab Sample ID: 880-18524-65

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 20:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/27/22 03:55	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 07:25	CH	EET MID

Client Sample ID: SW-23 (3')

Lab Sample ID: 880-18524-66

Date Collected: 08/24/22 00:00

Matrix: Solid

Date Received: 08/25/22 08:34

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	32994	08/25/22 15:50	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33040	08/26/22 20:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33089	08/26/22 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			33020	08/26/22 09:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33010	08/27/22 04:17	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32935	08/25/22 10:42	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33110	08/27/22 07:33	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Method Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18524-1	CS-1 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-2	CS-2 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-3	CS-3 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-4	CS-4 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-5	CS-5 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-6	CS-6 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-7	CS-7 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-8	CS-8 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-9	CS-9 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-10	CS-10 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-11	CS-11 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-12	CS-12 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-13	CS-13 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-14	CS-14 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-15	CS-15 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-16	CS-16 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-17	CS-17 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-18	CS-18 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-19	CS-19 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-20	CS-20 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-21	CS-21 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-22	CS-22 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-23	CS-23 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-24	CS-24 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-25	CS-25 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-26	CS-26 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-27	CS-27 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-28	CS-28 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-29	CS-29 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-30	CS-30 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-31	CS-31 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-32	CS-32 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-33	CS-33 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-34	CS-34 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-35	CS-35 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-36	CS-36 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-37	CS-37 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-38	CS-38 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-39	CS-39 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-40	CS-40 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-41	CS-41 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-42	CS-42 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-43	CS-43 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-44	SW-1 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-45	SW-2 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-46	SW-3 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-47	SW-4 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-48	SW-5 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-49	SW-6 (4')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-50	SW-7 (1')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-51	SW-8 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-52	SW-9 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-53	SW-10 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-54	SW-11 (4')	Solid	08/24/22 00:00	08/25/22 08:34

Sample Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18524-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18524-55	SW-12 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-56	SW-13 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-57	SW-14 (1')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-58	SW-15 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-59	SW-16 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-60	SW-17 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-61	SW-18 (2')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-62	SW-19 (1')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-63	SW-20 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-64	SW-21 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-65	SW-22 (3')	Solid	08/24/22 00:00	08/25/22 08:34
880-18524-66	SW-23 (3')	Solid	08/24/22 00:00	08/25/22 08:34

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Work Order No: 18524

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste. 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@nlepp.com

Project Name:		Moutray SWD	
Project Number	1009	☐ Routine ☒ Rush	
Project Location	Eddy Co. NM	Due Date	24 Hrs
Sampler's Name	CCM/DS	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank	Yes No
Received Intact:	Yes No	Thermometer ID	Yes No
Cooler Custody Seals:	Yes No	Correction Factor	Yes No
Sample Custody Seals:	Yes No	Temperature Reading	Yes No
Total Containers:	Yes No	Corrected Temperature	Yes No

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes		Sample Comments
							Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0							None NO	DI Water H ₂ O	
CS-1 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-2 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-3 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-4 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-5 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-6 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-7 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-8 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-9 (3)	8/24/2022		X		Comp	1	X	X	X										
CS-10 (4)	8/24/2022		X		Comp	1	X	X	X										



Relinquished by (Signature)		Date/Time	8.25.22 8:31	Received by (Signature)	Date/Time

Revised Date 05/12/2020 Rev 2020.1

Work Order No: 185241

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Camona Resources	Company Name	NGL Water Solutions Perminan
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste. 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@nngl.com

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

Project Name	Moutray SWD	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1009	☐ Routine ☒ Rush														None NO	DI Water- H ₂ O	
Project Location	Eddy Co. NM	Due Date	24 Hrs													Cool Cool	MeOH Me	
Sampler's Name	CCM/IDS	TAT starts the day received by the lab, if received by 4:30pm														HCL HC	HNO ₃ HN	
PO #:																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact:	Yes No	Thermometer ID														NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No N/A	Correction Factor														Na ₂ S ₂ O ₅ NaSO ₃		
Sample Custody Seals	Yes No N/A	Temperature Reading														Zn Acetate+NaOH Zn		
Total Containers	Corrected Temperature															NaOH+Ascorbic Acid SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
CS-11 (4)	8/24/2022		X		Comp	1	BTEX 8021B												
CS-12 (4)	8/24/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)												
CS-13 (3)	8/24/2022		X		Comp	1	Chloride 300.0												
CS-14 (3)	8/24/2022		X		Comp	1													
CS-15 (3)	8/24/2022		X		Comp	1													
CS-16 (2)	8/24/2022		X		Comp	1													
CS-17 (2)	8/24/2022		X		Comp	1													
CS-18 (2)	8/24/2022		X		Comp	1													
CS-19 (2)	8/24/2022		X		Comp	1													
CS-20 (2)	8/24/2022		X		Comp	1													

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8.25.22 8:34		

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Work Order No: 18524

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	INGL Water Solutions Perminan
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	432-813-6823	Email	joseph.vargo@ingl.com

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

Project Name		Moutray SWD		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs													None NO	DI Water H ₂ O		
Project Location	Eddy Co, NM																				
Sampler's Name	CCM/MS				TAT starts the day received by the lab, if received by 4:30pm																
PO #:																					
SAMPLE RECEIPT	Temp Blank:	Yes	No	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	
CS-21 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-22 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-23 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-24 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-25 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-26 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-27 (2)		8/24/2022		X		Comp	1	X	X	X											
CS-28 (3)		8/24/2022		X		Comp	1	X	X	X											
CS-29 (3)		8/24/2022		X		Comp	1	X	X	X											
CS-30 (3)		8/24/2022		X		Comp	1	X	X	X											
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Comments:

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Work Order No: 18524

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGI Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@ngilep.com

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

Project Name	Moutray SWD	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine ☒ Rush														None NO	DI Water H ₂ O
Project Location	Eddy Co, NM	Due Date	24 Hrs													Cool Cool	MeOH Me
Sampler's Name	CCMDS	TAT starts the day received by the lab, if received by 4:30pm														HCL HC	HNO ₃ HN
PO #																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT				Temp Blank	Yes	No	Wet Ice	Yes	No							H ₃ PO ₄ HP	
Received Intact	Yes	No	Thermometer ID													NaHSO ₄ NABIS	
Cooler Custody Seals	Yes	No	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 SABC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
CS-31 (3)	8/24/2022		X		Comp	1	BTX 8021B												
CS-32 (3)	8/24/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)												
CS-33 (3)	8/24/2022		X		Comp	1	Chloride 300.0												
CS-34 (3)	8/24/2022		X		Comp	1													
CS-35 (3)	8/24/2022		X		Comp	1													
CS-36 (3)	8/24/2022		X		Comp	1													
CS-37 (3)	8/24/2022		X		Comp	1													
CS-38 (3)	8/24/2022		X		Comp	1													
CS-39 (3)	8/24/2022		X		Comp	1													
CS-40 (3)	8/24/2022		X		Comp	1													

Comments:

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Revised Date 05/01/2020 Rev 2020.1

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Work Order No: 185241

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste. 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@nglsp.com

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

Project Name		Moutray SWD		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs													None NO	DI Water- H ₂ O		
Project Location	Eddy Co. NM																	Cool Cool	MeOH Me		
Sampler's Name	CCMDS				TAT starts the day received by the lab, if received by 4:30pm													HCL HC	HNO ₃ HN		
PO #																		H ₂ S0 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	Parameters												Sample Comments	
CS-41 (2)		8/24/2022		X		Comp	1	BTEX 8021B													
CS-42 (4)		8/24/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)													
CS-43 (4)		8/24/2022		X		Comp	1	Chloride 300.0													
SW-1 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-2 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-3 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-4 (4)		8/24/2022		X		Comp	1	X	X	X											
SW-5 (4)		8/24/2022		X		Comp	1	X	X	X											
SW-6 (4)		8/24/2022		X		Comp	1	X	X	X											
SW-7 (1)		8/24/2022		X		Comp	1	X	X	X											

Comments:

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Revised Date 05/12/2020 Rev 2020.1

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Work Order No: 18524

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Garmona Resources	Company Name	NGI Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@ngiwp.com

Program: UST/ST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name		Moutray SWD		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs	None NO		DI Water H ₂ O													
Project Location	Eddy Co, NM					Cool Cool	MeOH Me														
Sampler's Name	CCMDS					HCL HC	HNO ₃ HN														
PO #					TAT starts the day received by the lab, if received by 4:30pm	H ₂ SO ₄ H ₂	NaOH Na														
SAMPLE RECEIPT		Temp Blank	Yes No	Yes No	Wet Ice	Yes No															
Received Intact	Yes No	Thermometer ID					H ₃ PO ₄ HP														
Cooler Custody Seals	Yes No N/A	Correction Factor					NaHSO ₄ NABIS														
Sample Custody Seals	Yes No N/A	Temperature Reading					Na ₂ S ₂ O ₃ NaSO ₃														
Total Containers		Corrected Temperature					Zn Acetate+NaOH Zn														
							NaOH+Ascorbic Acid SAPC														
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
								BTX 8021B			TPH 8015M (GRO + DRO + MRO)			Chloride 300.0							
SW-8 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-9 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-10 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-11 (4)		8/24/2022		X		Comp	1	X	X	X											
SW-12 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-13 (3)		8/24/2022		X		Comp	1	X	X	X											
SW-14 (1)		8/24/2022		X		Comp	1	X	X	X											
SW-15 (2)		8/24/2022		X		Comp	1	X	X	X											
SW-16 (2)		8/24/2022		X		Comp	1	X	X	X											
SW-17 (2)		8/24/2022		X		Comp	1	X	X	X											

Comments:

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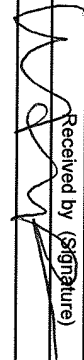
Work Order No: 18524

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Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name:	Camona Resources	Company Name:	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address:	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@nngl.com

Project Name	Moutray SWD	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1009	☐ Routine ☒ Rush														None NO	DI Water H ₂ O	
Project Location	Eddy Co, NM	Due Date	24 Hrs													Cool Cool	MeOH Me	
Sampler's Name	CCMDS	TAT starts the day received by the lab, if received by 4:30pm														HCL HC	HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice	Yes	No										H ₃ PO ₄ HP		
Received Intact:	Yes	No		Thermometer ID												NaHSO ₄ NABIS		
Cooler Custody Seals	Yes	No	N/A	Correction Factor												Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes	No	N/A	Temperature Reading												Zn Acetate+NaOH Zn		
Total Containers:				Corrected Temperature												NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
SW-18 (2)	8/24/2022		X		Comp	1	BTEX 8021B										Loc: 880	
SW-19 (1)	8/24/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)										18524	
SW-20 (3)	8/24/2022		X		Comp	1	Chloride 300.0											
SW-21 (3)	8/24/2022		X		Comp	1												
SW-22 (3)	8/24/2022		X		Comp	1												
SW-23 (3)	8/24/2022		X		Comp	1												

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	8-25-22 8:34		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18524-1

SDG Number: Eddy Co, NM

Login Number: 18524

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18551-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Moutray SWD

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:

8/29/2022 4:36:02 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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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: Moutray SWD

Laboratory Job ID: 880-18551-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Job ID: 880-18551-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-18551-1

Receipt

The samples were received on 8/26/2022 8:12 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 0.8°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-49 (2') (880-18551-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-33031/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-18551-A-21-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-65 (6') (880-18551-22), CS-66 (6') (880-18551-23), CS-67 (6') (880-18551-24), CS-68 (6') (880-18551-25) and CS-69 (2') (880-18551-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-25 (2') (880-18551-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-27 (2') (880-18551-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-28 (2') (880-18551-31), SW-29 (2') (880-18551-32) and SW-30 (4') (880-18551-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-32 (6') (880-18551-35) and SW-33 (2') (880-18551-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-33031 and analytical batch 880-33136 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33044/2-A) and (LCSD 880-33044/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-46 (2') (880-18551-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33045/2-A) and (LCSD 880-33045/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-66 (6') (880-18551-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Job ID: 880-18551-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-33044 and analytical batch 880-33100 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33044 and 880-33044 and analytical batch 880-33100 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33045 and analytical batch 880-33100 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-33046 and analytical batch 880-33152 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-33054 and 880-33054 and analytical batch 880-33153 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: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-44 (2')

Lab Sample ID: 880-18551-1

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 16:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 16:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	08/26/22 09:25	08/28/22 16:53	1
1,4-Difluorobenzene (Surr)	122		70 - 130	08/26/22 09:25	08/28/22 16:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 12:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 12:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:33	08/27/22 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/26/22 10:33	08/27/22 12:09	1
o-Terphenyl	99		70 - 130	08/26/22 10:33	08/27/22 12:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.4		5.04		mg/Kg			08/28/22 17:23	1

Client Sample ID: CS-45 (2')

Lab Sample ID: 880-18551-2

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 17:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 17:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 17:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 17:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 17:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/26/22 09:25	08/28/22 17:14	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/26/22 09:25	08/28/22 17:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-45 (2')

Lab Sample ID: 880-18551-2

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 13:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 13:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:33	08/27/22 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/26/22 10:33	08/27/22 13:15	1
o-Terphenyl	71		70 - 130				08/26/22 10:33	08/27/22 13:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		5.02		mg/Kg			08/28/22 17:51	1

Client Sample ID: CS-46 (2')

Lab Sample ID: 880-18551-3

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 17:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 17:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/26/22 09:25	08/28/22 17:34	1
1,4-Difluorobenzene (Surr)	114		70 - 130				08/26/22 09:25	08/28/22 17:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 13:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 13:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-46 (2')

Lab Sample ID: 880-18551-3

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 10:33	08/27/22 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				08/26/22 10:33	08/27/22 13:37	1
o-Terphenyl	57	S1-	70 - 130				08/26/22 10:33	08/27/22 13:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.8		5.03		mg/Kg			08/28/22 18:00	1

Client Sample ID: CS-47 (2')

Lab Sample ID: 880-18551-4

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				08/26/22 09:25	08/28/22 17:55	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/26/22 09:25	08/28/22 17:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 13:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 13:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:33	08/27/22 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/26/22 10:33	08/27/22 13:59	1
o-Terphenyl	95		70 - 130				08/26/22 10:33	08/27/22 13:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.03		mg/Kg			08/28/22 18:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-48 (2')

Lab Sample ID: 880-18551-5

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 18:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 18:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/28/22 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 18:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/28/22 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/26/22 09:25	08/28/22 18:15	1
1,4-Difluorobenzene (Surr)	110		70 - 130	08/26/22 09:25	08/28/22 18:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 14:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 14:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/26/22 10:33	08/27/22 14:21	1
o-Terphenyl	93		70 - 130	08/26/22 10:33	08/27/22 14:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		4.99		mg/Kg			08/28/22 18:18	1

Client Sample ID: CS-49 (2')

Lab Sample ID: 880-18551-6

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 18:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 18:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 18:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 18:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 18:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	08/26/22 09:25	08/28/22 18:36	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	08/26/22 09:25	08/28/22 18:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-49 (2')

Lab Sample ID: 880-18551-6

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 14:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 14:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:33	08/27/22 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				08/26/22 10:33	08/27/22 14:42	1
o-Terphenyl	83		70 - 130				08/26/22 10:33	08/27/22 14:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.8		4.97		mg/Kg			08/28/22 18:46	1

Client Sample ID: CS-50 (2')

Lab Sample ID: 880-18551-7

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 18:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 18:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 18:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 18:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 18:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/26/22 09:25	08/28/22 18:56	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/26/22 09:25	08/28/22 18:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 15:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-50 (2')

Lab Sample ID: 880-18551-7

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 10:33	08/27/22 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/26/22 10:33	08/27/22 15:04	1
o-Terphenyl	96		70 - 130				08/26/22 10:33	08/27/22 15:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.98		mg/Kg			08/28/22 18:55	1

Client Sample ID: CS-51 (2')

Lab Sample ID: 880-18551-8

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 19:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 19:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 19:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 19:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 19:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 19:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/26/22 09:25	08/28/22 19:17	1
1,4-Difluorobenzene (Surr)	111		70 - 130				08/26/22 09:25	08/28/22 19:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 15:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		08/26/22 10:33	08/27/22 15:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/22 10:33	08/27/22 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				08/26/22 10:33	08/27/22 15:25	1
o-Terphenyl	87		70 - 130				08/26/22 10:33	08/27/22 15:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.6		4.95		mg/Kg			08/28/22 19:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-52 (2')

Lab Sample ID: 880-18551-9

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 19:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 19:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 19:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 19:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 19:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/26/22 09:25	08/28/22 19:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/26/22 09:25	08/28/22 19:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 15:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 15:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	08/26/22 10:33	08/27/22 15:47	1
o-Terphenyl	101		70 - 130	08/26/22 10:33	08/27/22 15:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		4.97		mg/Kg			08/28/22 19:14	1

Client Sample ID: CS-53 (2')

Lab Sample ID: 880-18551-10

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 19:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 19:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 19:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 19:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 19:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/26/22 09:25	08/28/22 19:57	1
1,4-Difluorobenzene (Surr)	111		70 - 130	08/26/22 09:25	08/28/22 19:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-53 (2')

Lab Sample ID: 880-18551-10

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 16:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 16:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:33	08/27/22 16:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/26/22 10:33	08/27/22 16:08	1
o-Terphenyl	92		70 - 130				08/26/22 10:33	08/27/22 16:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		5.02		mg/Kg			08/28/22 19:23	1

Client Sample ID: CS-54 (2')

Lab Sample ID: 880-18551-11

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 21:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 21:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 21:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 21:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 21:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				08/26/22 09:25	08/28/22 21:48	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/26/22 09:25	08/28/22 21:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 16:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 16:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-54 (2')

Lab Sample ID: 880-18551-11

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/26/22 10:33	08/27/22 16:51	1
o-Terphenyl	107		70 - 130				08/26/22 10:33	08/27/22 16:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.6	F1	5.01		mg/Kg			08/28/22 19:32	1

Client Sample ID: CS-55 (2')

Lab Sample ID: 880-18551-12

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 22:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 22:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 22:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/28/22 22:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 22:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/28/22 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/26/22 09:25	08/28/22 22:08	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/26/22 09:25	08/28/22 22:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 17:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		08/26/22 10:33	08/27/22 17:12	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/22 10:33	08/27/22 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/26/22 10:33	08/27/22 17:12	1
o-Terphenyl	110		70 - 130				08/26/22 10:33	08/27/22 17:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.98		mg/Kg			08/28/22 20:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-56 (2')

Lab Sample ID: 880-18551-13

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 22:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 22:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 22:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/28/22 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/26/22 09:25	08/28/22 22:28	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/26/22 09:25	08/28/22 22:28	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 17:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 17:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/26/22 10:33	08/27/22 17:33	1
o-Terphenyl	103		70 - 130	08/26/22 10:33	08/27/22 17:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.3		4.96		mg/Kg			08/28/22 20:09	1

Client Sample ID: CS-57 (2')

Lab Sample ID: 880-18551-14

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 22:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 22:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 22:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 22:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/28/22 22:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/28/22 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/26/22 09:25	08/28/22 22:49	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/26/22 09:25	08/28/22 22:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-57 (2')

Lab Sample ID: 880-18551-14

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 17:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 17:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				08/26/22 10:33	08/27/22 17:55	1
o-Terphenyl	79		70 - 130				08/26/22 10:33	08/27/22 17:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		5.00		mg/Kg			08/28/22 20:37	1

Client Sample ID: CS-58 (2')

Lab Sample ID: 880-18551-15

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 23:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 23:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 23:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/28/22 23:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 23:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/28/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/26/22 09:25	08/28/22 23:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/26/22 09:25	08/28/22 23:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 18:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-58 (2')

Lab Sample ID: 880-18551-15

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 10:33	08/27/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/26/22 10:33	08/27/22 18:16	1
o-Terphenyl	89		70 - 130				08/26/22 10:33	08/27/22 18:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		5.00		mg/Kg			08/28/22 20:46	1

Client Sample ID: CS-59 (2')

Lab Sample ID: 880-18551-16

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 23:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/26/22 09:25	08/28/22 23:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/26/22 09:25	08/28/22 23:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/26/22 09:25	08/28/22 23:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/26/22 09:25	08/28/22 23:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/26/22 09:25	08/28/22 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/26/22 09:25	08/28/22 23:30	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/26/22 09:25	08/28/22 23:30	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 18:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		08/26/22 10:33	08/27/22 18:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/22 10:33	08/27/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				08/26/22 10:33	08/27/22 18:37	1
o-Terphenyl	115		70 - 130				08/26/22 10:33	08/27/22 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.2		5.00		mg/Kg			08/28/22 20:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-60 (2')

Lab Sample ID: 880-18551-17

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/28/22 23:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 23:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 23:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 23:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:25	08/28/22 23:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/22 09:25	08/28/22 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/26/22 09:25	08/28/22 23:50	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/26/22 09:25	08/28/22 23:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 18:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 18:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/26/22 10:33	08/27/22 18:58	1
o-Terphenyl	86		70 - 130	08/26/22 10:33	08/27/22 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		4.99		mg/Kg			08/28/22 21:04	1

Client Sample ID: CS-61 (2')

Lab Sample ID: 880-18551-18

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/29/22 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/29/22 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/29/22 00:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/29/22 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/29/22 00:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:25	08/29/22 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/26/22 09:25	08/29/22 00:10	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/26/22 09:25	08/29/22 00:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-61 (2')

Lab Sample ID: 880-18551-18

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 19:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/26/22 10:33	08/27/22 19:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/26/22 10:33	08/27/22 19:19	1
o-Terphenyl	108		70 - 130				08/26/22 10:33	08/27/22 19:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		4.96		mg/Kg			08/28/22 21:14	1

Client Sample ID: CS-62 (2')

Lab Sample ID: 880-18551-19

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/29/22 00:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/29/22 00:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/29/22 00:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/29/22 00:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:25	08/29/22 00:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:25	08/29/22 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/26/22 09:25	08/29/22 00:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/26/22 09:25	08/29/22 00:31	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 19:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		08/26/22 10:33	08/27/22 19:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-62 (2')

Lab Sample ID: 880-18551-19

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/22 10:33	08/27/22 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/26/22 10:33	08/27/22 19:41	1
o-Terphenyl	116		70 - 130				08/26/22 10:33	08/27/22 19:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		5.02		mg/Kg			08/28/22 21:23	1

Client Sample ID: CS-63 (6')

Lab Sample ID: 880-18551-20

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:25	08/29/22 00:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/29/22 00:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/29/22 00:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/29/22 00:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/29/22 00:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:25	08/29/22 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/26/22 09:25	08/29/22 00:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/26/22 09:25	08/29/22 00:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:33	08/27/22 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		08/26/22 10:33	08/27/22 20:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:33	08/27/22 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/26/22 10:33	08/27/22 20:02	1
o-Terphenyl	94		70 - 130				08/26/22 10:33	08/27/22 20:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.97		mg/Kg			08/28/22 21:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-64 (6')

Lab Sample ID: 880-18551-21

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 16:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:31	08/28/22 16:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:31	08/28/22 16:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/22 09:31	08/28/22 16:44	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		08/26/22 09:31	08/28/22 16:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/22 09:31	08/28/22 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	08/26/22 09:31	08/28/22 16:44	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/26/22 09:31	08/28/22 16:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/27/22 21:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/27/22 21:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/27/22 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	08/26/22 10:36	08/27/22 21:47	1
o-Terphenyl	103		70 - 130	08/26/22 10:36	08/27/22 21:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2	F1	4.98		mg/Kg			08/28/22 22:46	1

Client Sample ID: CS-65 (6')

Lab Sample ID: 880-18551-22

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 17:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 17:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/28/22 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 17:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/28/22 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	08/26/22 09:31	08/28/22 17:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/26/22 09:31	08/28/22 17:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-65 (6')

Lab Sample ID: 880-18551-22

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/27/22 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/27/22 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/27/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				08/26/22 10:36	08/27/22 22:51	1
o-Terphenyl	112		70 - 130				08/26/22 10:36	08/27/22 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.19		mg/Kg			08/28/22 23:13	1

Client Sample ID: CS-66 (6')

Lab Sample ID: 880-18551-23

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 17:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 17:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 17:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 17:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 17:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				08/26/22 09:31	08/28/22 17:35	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/26/22 09:31	08/28/22 17:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.2		50.0		mg/Kg			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/27/22 23:12	1
Diesel Range Organics (Over C10-C28)	54.2		50.0		mg/Kg		08/26/22 10:36	08/27/22 23:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-66 (6')

Lab Sample ID: 880-18551-23

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 10:36	08/27/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				08/26/22 10:36	08/27/22 23:12	1
o-Terphenyl	109		70 - 130				08/26/22 10:36	08/27/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		4.98		mg/Kg			08/28/22 23:22	1

Client Sample ID: CS-67 (6')

Lab Sample ID: 880-18551-24

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 18:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/22 09:31	08/28/22 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/22 09:31	08/28/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				08/26/22 09:31	08/28/22 18:01	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/26/22 09:31	08/28/22 18:01	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/27/22 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/27/22 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/27/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				08/26/22 10:36	08/27/22 23:33	1
o-Terphenyl	106		70 - 130				08/26/22 10:36	08/27/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		5.03		mg/Kg			08/28/22 23:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-68 (6')

Lab Sample ID: 880-18551-25

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:31	08/28/22 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:31	08/28/22 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	08/26/22 09:31	08/28/22 18:27	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/26/22 09:31	08/28/22 18:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/27/22 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/27/22 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/27/22 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	08/26/22 10:36	08/27/22 23:54	1
o-Terphenyl	117		70 - 130	08/26/22 10:36	08/27/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.2		4.97		mg/Kg			08/28/22 23:41	1

Client Sample ID: CS-69 (2')

Lab Sample ID: 880-18551-26

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 18:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/28/22 18:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 18:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/28/22 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	08/26/22 09:31	08/28/22 18:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/26/22 09:31	08/28/22 18:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-69 (2')

Lab Sample ID: 880-18551-26

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/28/22 00:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/28/22 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/26/22 10:36	08/28/22 00:15	1
o-Terphenyl	120		70 - 130				08/26/22 10:36	08/28/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.5		4.96		mg/Kg			08/29/22 00:08	1

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-18551-27

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 19:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/22 09:31	08/28/22 19:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/22 09:31	08/28/22 19:18	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/26/22 09:31	08/28/22 19:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/22 09:31	08/28/22 19:18	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/26/22 09:31	08/28/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/26/22 09:31	08/28/22 19:18	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/26/22 09:31	08/28/22 19:18	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 00:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 00:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-18551-27

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 10:36	08/28/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/26/22 10:36	08/28/22 00:37	1
o-Terphenyl	105		70 - 130				08/26/22 10:36	08/28/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.7		4.99		mg/Kg			08/29/22 00:18	1

Client Sample ID: SW-25 (2')

Lab Sample ID: 880-18551-28

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 19:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/26/22 09:31	08/28/22 19:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/26/22 09:31	08/28/22 19:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/26/22 09:31	08/28/22 19:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/26/22 09:31	08/28/22 19:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/26/22 09:31	08/28/22 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				08/26/22 09:31	08/28/22 19:44	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/26/22 09:31	08/28/22 19:44	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 00:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/22 10:36	08/28/22 00:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/26/22 10:36	08/28/22 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/26/22 10:36	08/28/22 00:58	1
o-Terphenyl	104		70 - 130				08/26/22 10:36	08/28/22 00:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	446		5.01		mg/Kg			08/29/22 00:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-26 (2')

Lab Sample ID: 880-18551-29

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 20:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 20:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 20:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 20:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 20:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	08/26/22 09:31	08/28/22 20:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/26/22 09:31	08/28/22 20:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 01:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 01:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/26/22 10:36	08/28/22 01:19	1
o-Terphenyl	97		70 - 130	08/26/22 10:36	08/28/22 01:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		5.00		mg/Kg			08/29/22 00:36	1

Client Sample ID: SW-27 (2')

Lab Sample ID: 880-18551-30

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 20:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 20:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 20:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/28/22 20:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 20:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/28/22 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/26/22 09:31	08/28/22 20:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/26/22 09:31	08/28/22 20:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-27 (2')

Lab Sample ID: 880-18551-30

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 01:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 01:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/26/22 10:36	08/28/22 01:40	1
o-Terphenyl	102		70 - 130				08/26/22 10:36	08/28/22 01:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.4		5.00		mg/Kg			08/29/22 00:45	1

Client Sample ID: SW-28 (2')

Lab Sample ID: 880-18551-31

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 22:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:31	08/28/22 22:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:31	08/28/22 22:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/26/22 09:31	08/28/22 22:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/26/22 09:31	08/28/22 22:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/26/22 09:31	08/28/22 22:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				08/26/22 09:31	08/28/22 22:19	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/26/22 09:31	08/28/22 22:19	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 02:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/28/22 02:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-28 (2')

Lab Sample ID: 880-18551-31

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 10:36	08/28/22 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/26/22 10:36	08/28/22 02:23	1
o-Terphenyl	104		70 - 130				08/26/22 10:36	08/28/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.5	F1	4.99		mg/Kg			08/29/22 00:54	1

Client Sample ID: SW-29 (2')

Lab Sample ID: 880-18551-32

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 22:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:31	08/28/22 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 22:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:31	08/28/22 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				08/26/22 09:31	08/28/22 22:45	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/26/22 09:31	08/28/22 22:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 02:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 02:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/26/22 10:36	08/28/22 02:44	1
o-Terphenyl	100		70 - 130				08/26/22 10:36	08/28/22 02:44	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			08/29/22 01:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-30 (4')

Lab Sample ID: 880-18551-33

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 23:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 23:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 23:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 23:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 23:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	08/26/22 09:31	08/28/22 23:10	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/26/22 09:31	08/28/22 23:10	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 03:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 03:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	08/26/22 10:36	08/28/22 03:05	1
o-Terphenyl	88		70 - 130	08/26/22 10:36	08/28/22 03:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.8		5.02		mg/Kg			08/29/22 01:31	1

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-18551-34

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/28/22 23:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 23:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 23:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 23:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/26/22 09:31	08/28/22 23:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/26/22 09:31	08/28/22 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/26/22 09:31	08/28/22 23:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/26/22 09:31	08/28/22 23:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-18551-34

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 03:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/28/22 03:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/26/22 10:36	08/28/22 03:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/26/22 10:36	08/28/22 03:27	1
o-Terphenyl	95		70 - 130				08/26/22 10:36	08/28/22 03:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		5.03		mg/Kg			08/29/22 01:59	1

Client Sample ID: SW-32 (6')

Lab Sample ID: 880-18551-35

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/29/22 00:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/29/22 00:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/29/22 00:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/26/22 09:31	08/29/22 00:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/29/22 00:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/26/22 09:31	08/29/22 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130				08/26/22 09:31	08/29/22 00:02	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/26/22 09:31	08/29/22 00:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 03:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/26/22 10:36	08/28/22 03:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-32 (6')

Lab Sample ID: 880-18551-35

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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)	<49.8	U	49.8		mg/Kg		08/26/22 10:36	08/28/22 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/26/22 10:36	08/28/22 03:48	1
o-Terphenyl	108		70 - 130				08/26/22 10:36	08/28/22 03:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.7		5.05		mg/Kg			08/29/22 02:08	1

Client Sample ID: SW-33 (2')

Lab Sample ID: 880-18551-36

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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		08/26/22 09:31	08/29/22 00:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/29/22 00:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/29/22 00:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/29/22 00:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/29/22 00:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/26/22 09:31	08/29/22 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				08/26/22 09:31	08/29/22 00:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/26/22 09:31	08/29/22 00:27	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			08/29/22 15:04	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			08/29/22 16:14	1

Method: 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		08/26/22 10:36	08/28/22 04:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 04:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/28/22 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/26/22 10:36	08/28/22 04:09	1
o-Terphenyl	102		70 - 130				08/26/22 10:36	08/28/22 04:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		5.04		mg/Kg			08/29/22 02:17	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
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)
880-18551-1	CS-44 (2')	77	122
880-18551-1 MS	CS-44 (2')	97	104
880-18551-1 MSD	CS-44 (2')	95	110
880-18551-2	CS-45 (2')	90	105
880-18551-3	CS-46 (2')	88	114
880-18551-4	CS-47 (2')	90	105
880-18551-5	CS-48 (2')	92	110
880-18551-6	CS-49 (2')	80	131 S1+
880-18551-7	CS-50 (2')	89	101
880-18551-8	CS-51 (2')	94	111
880-18551-9	CS-52 (2')	91	108
880-18551-10	CS-53 (2')	94	111
880-18551-11	CS-54 (2')	93	109
880-18551-12	CS-55 (2')	89	104
880-18551-13	CS-56 (2')	92	108
880-18551-14	CS-57 (2')	91	106
880-18551-15	CS-58 (2')	91	103
880-18551-16	CS-59 (2')	95	107
880-18551-17	CS-60 (2')	98	104
880-18551-18	CS-61 (2')	93	103
880-18551-19	CS-62 (2')	99	104
880-18551-20	CS-63 (6')	98	103
880-18551-21	CS-64 (6')	130	88
880-18551-21 MS	CS-64 (6')	116	86
880-18551-21 MSD	CS-64 (6')	133 S1+	104
880-18551-22	CS-65 (6')	132 S1+	103
880-18551-23	CS-66 (6')	142 S1+	104
880-18551-24	CS-67 (6')	131 S1+	95
880-18551-25	CS-68 (6')	140 S1+	105
880-18551-26	CS-69 (2')	147 S1+	109
880-18551-27	SW-24 (2')	87	89
880-18551-28	SW-25 (2')	137 S1+	103
880-18551-29	SW-26 (2')	129	95
880-18551-30	SW-27 (2')	137 S1+	98
880-18551-31	SW-28 (2')	135 S1+	90
880-18551-32	SW-29 (2')	135 S1+	102
880-18551-33	SW-30 (4')	138 S1+	104
880-18551-34	SW-31 (4')	111	94
880-18551-35	SW-32 (6')	143 S1+	104
880-18551-36	SW-33 (2')	132 S1+	98
LCS 880-33026/1-A	Lab Control Sample	97	109
LCS 880-33031/1-A	Lab Control Sample	132 S1+	105
LCSD 880-33026/2-A	Lab Control Sample Dup	94	112
LCSD 880-33031/2-A	Lab Control Sample Dup	124	96
MB 880-33026/5-A	Method Blank	78	121
MB 880-33031/5-A	Method Blank	90	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-18551-1	CS-44 (2')	100	99
880-18551-1 MS	CS-44 (2')	87	78
880-18551-1 MSD	CS-44 (2')	100	88
880-18551-2	CS-45 (2')	75	71
880-18551-3	CS-46 (2')	63 S1-	57 S1-
880-18551-4	CS-47 (2')	95	95
880-18551-5	CS-48 (2')	94	93
880-18551-6	CS-49 (2')	86	83
880-18551-7	CS-50 (2')	100	96
880-18551-8	CS-51 (2')	89	87
880-18551-9	CS-52 (2')	114	101
880-18551-10	CS-53 (2')	97	92
880-18551-11	CS-54 (2')	113	107
880-18551-12	CS-55 (2')	125	110
880-18551-13	CS-56 (2')	104	103
880-18551-14	CS-57 (2')	86	79
880-18551-15	CS-58 (2')	91	89
880-18551-16	CS-59 (2')	118	115
880-18551-17	CS-60 (2')	92	86
880-18551-18	CS-61 (2')	119	108
880-18551-19	CS-62 (2')	120	116
880-18551-20	CS-63 (6')	97	94
880-18551-21	CS-64 (6')	116	103
880-18551-21 MS	CS-64 (6')	95	80
880-18551-21 MSD	CS-64 (6')	97	82
880-18551-22	CS-65 (6')	118	112
880-18551-23	CS-66 (6')	60 S1-	109
880-18551-24	CS-67 (6')	118	106
880-18551-25	CS-68 (6')	121	117
880-18551-26	CS-69 (2')	121	120
880-18551-27	SW-24 (2')	104	105
880-18551-28	SW-25 (2')	101	104
880-18551-29	SW-26 (2')	96	97
880-18551-30	SW-27 (2')	101	102
880-18551-31	SW-28 (2')	102	104
880-18551-32	SW-29 (2')	96	100
880-18551-33	SW-30 (4')	90	88
880-18551-34	SW-31 (4')	95	95
880-18551-35	SW-32 (6')	113	108
880-18551-36	SW-33 (2')	105	102
LCS 880-33044/2-A	Lab Control Sample	177 S1+	171 S1+
LCS 880-33045/2-A	Lab Control Sample	184 S1+	176 S1+
LCSD 880-33044/3-A	Lab Control Sample Dup	156 S1+	157 S1+
LCSD 880-33045/3-A	Lab Control Sample Dup	157 S1+	153 S1+
MB 880-33044/1-A	Method Blank	109	112
MB 880-33045/1-A	Method Blank	95	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33026/5-A

Matrix: Solid

Analysis Batch: 33138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/22 09:25	08/28/22 16:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:25	08/28/22 16:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/22 09:25	08/28/22 16:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/26/22 09:25	08/28/22 16:24	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/26/22 09:25	08/28/22 16:24	1

Lab Sample ID: LCS 880-33026/1-A

Matrix: Solid

Analysis Batch: 33138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1171		mg/Kg		117	70 - 130
Toluene	0.100	0.1128		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1097		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-33026/2-A

Matrix: Solid

Analysis Batch: 33138

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33026

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1264		mg/Kg		126	70 - 130	8	35
Toluene	0.100	0.1135		mg/Kg		113	70 - 130	1	35
Ethylbenzene	0.100	0.1088		mg/Kg		109	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1981		mg/Kg		99	70 - 130	2	35
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-18551-1 MS

Matrix: Solid

Analysis Batch: 33138

Client Sample ID: CS-44 (2')

Prep Type: Total/NA

Prep Batch: 33026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1056		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.0998	0.1073		mg/Kg		106	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18551-1 MS

Matrix: Solid

Analysis Batch: 33138

Client Sample ID: CS-44 (2')

Prep Type: Total/NA

Prep Batch: 33026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.1057		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1934		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1009		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-18551-1 MSD

Matrix: Solid

Analysis Batch: 33138

Client Sample ID: CS-44 (2')

Prep Type: Total/NA

Prep Batch: 33026

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.101	0.1169		mg/Kg		115	70 - 130	10	35
Toluene	<0.00200	U	0.101	0.1054		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.101	0.1001		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1824		mg/Kg		89	70 - 130	6	35
o-Xylene	<0.00200	U	0.101	0.09658		mg/Kg		96	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-33031/5-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/26/22 09:31	08/28/22 16:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/26/22 09:31	08/28/22 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/26/22 09:31	08/28/22 16:15	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/26/22 09:31	08/28/22 16:15	1

Lab Sample ID: LCS 880-33031/1-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1080		mg/Kg		108	70 - 130
Toluene	0.100	0.1135		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2251		mg/Kg		113	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33031/1-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1262		mg/Kg		126	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-33031/2-A

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1063		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.1147		mg/Kg		115	70 - 130	1	35
Ethylbenzene	0.100	0.1125		mg/Kg		113	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2342		mg/Kg		117	70 - 130	4	35
o-Xylene	0.100	0.1292		mg/Kg		129	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-18551-21 MS

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: CS-64 (6')

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09362		mg/Kg		93	70 - 130
Toluene	<0.00201	U	0.100	0.1036		mg/Kg		103	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1004		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2066		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.1127		mg/Kg		113	70 - 130

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

Lab Sample ID: 880-18551-21 MSD

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: CS-64 (6')

Prep Type: Total/NA

Prep Batch: 33031

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U	0.101	0.1164		mg/Kg		116	70 - 130	22	35
Toluene	<0.00201	U	0.101	0.1224		mg/Kg		122	70 - 130	17	35
Ethylbenzene	<0.00201	U	0.101	0.1181		mg/Kg		117	70 - 130	16	35
m-Xylene & p-Xylene	<0.00402	U	0.201	0.2449		mg/Kg		122	70 - 130	17	35
o-Xylene	<0.00201	U F1	0.101	0.1340	F1	mg/Kg		133	70 - 130	17	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18551-21 MSD

Matrix: Solid

Analysis Batch: 33136

Client Sample ID: CS-64 (6')

Prep Type: Total/NA

Prep Batch: 33031

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-33044/1-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33044

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 11:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 11:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:33	08/27/22 11:04	1

Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctane	109		70 - 130				08/26/22 10:33	08/27/22 11:04	1
o-Terphenyl	112		70 - 130				08/26/22 10:33	08/27/22 11:04	1

Lab Sample ID: LCS 880-33044/2-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33044

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	769.8		mg/Kg		77		70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107		70 - 130	

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
1-Chlorooctane	177	S1+	70 - 130
o-Terphenyl	171	S1+	70 - 130

Lab Sample ID: LCSD 880-33044/3-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33044

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	839.8		mg/Kg		84		9	20	
Diesel Range Organics (Over C10-C28)	1000	850.6	*1	mg/Kg		85		23	20	

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
1-Chlorooctane	156	S1+	70 - 130
o-Terphenyl	157	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18551-1 MS

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: CS-44 (2')

Prep Type: Total/NA

Prep Batch: 33044

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	608.4	F1	mg/Kg		59	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	851.9		mg/Kg		85	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	87		70 - 130						
o-Terphenyl	78		70 - 130						

Lab Sample ID: 880-18551-1 MSD

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: CS-44 (2')

Prep Type: Total/NA

Prep Batch: 33044

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	679.6	F1	mg/Kg		66	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	957.3		mg/Kg		96	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: MB 880-33045/1-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33045

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		08/26/22 10:36	08/27/22 20:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/27/22 20:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/26/22 10:36	08/27/22 20:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/26/22 10:36	08/27/22 20:44	1
o-Terphenyl	96		70 - 130				08/26/22 10:36	08/27/22 20:44	1

Lab Sample ID: LCS 880-33045/2-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	941.4		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		106	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33045/2-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33045

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	184	S1+	70 - 130
o-Terphenyl	176	S1+	70 - 130

Lab Sample ID: LCSD 880-33045/3-A

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	794.4		mg/Kg		79	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	913.0		mg/Kg		91	70 - 130	14	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	157	S1+	70 - 130
o-Terphenyl	153	S1+	70 - 130

Lab Sample ID: 880-18551-21 MS

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: CS-64 (6')

Prep Type: Total/NA

Prep Batch: 33045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	626.5	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	928.3		mg/Kg		93	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: 880-18551-21 MSD

Matrix: Solid

Analysis Batch: 33100

Client Sample ID: CS-64 (6')

Prep Type: Total/NA

Prep Batch: 33045

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	641.9	F1	mg/Kg		61	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	967.2		mg/Kg		97	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	82		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33046/1-A

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/22 16:55	1

Lab Sample ID: LCS 880-33046/2-A

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Lab Sample ID: LCSD 880-33046/3-A

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	262.1		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-18551-1 MS

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: CS-44 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	66.4		252	338.0		mg/Kg		108	90 - 110

Lab Sample ID: 880-18551-1 MSD

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: CS-44 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.4		252	338.8		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-18551-11 MS

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: CS-54 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	40.6	F1	251	318.4	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-18551-11 MSD

Matrix: Solid

Analysis Batch: 33152

Client Sample ID: CS-54 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	40.6	F1	251	321.2	F1	mg/Kg		112	90 - 110	1	20

Lab Sample ID: MB 880-33054/1-A

Matrix: Solid

Analysis Batch: 33153

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/22 22:18	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-33054/2-A

Matrix: Solid

Analysis Batch: 33153

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-33054/3-A

Matrix: Solid

Analysis Batch: 33153

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	268.9		mg/Kg		108	90 - 110	3	20

Lab Sample ID: 880-18551-21 MS

Matrix: Solid

Analysis Batch: 33153

Client Sample ID: CS-64 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.2	F1	249	299.8	F1	mg/Kg		112	90 - 110

Lab Sample ID: 880-18551-21 MSD

Matrix: Solid

Analysis Batch: 33153

Client Sample ID: CS-64 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.2	F1	249	296.3	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-18551-31 MS

Matrix: Solid

Analysis Batch: 33153

Client Sample ID: SW-28 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	35.5	F1	250	323.6	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-18551-31 MSD

Matrix: Solid

Analysis Batch: 33153

Client Sample ID: SW-28 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	35.5	F1	250	323.9	F1	mg/Kg		116	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 33026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Total/NA	Solid	5035	
880-18551-2	CS-45 (2')	Total/NA	Solid	5035	
880-18551-3	CS-46 (2')	Total/NA	Solid	5035	
880-18551-4	CS-47 (2')	Total/NA	Solid	5035	
880-18551-5	CS-48 (2')	Total/NA	Solid	5035	
880-18551-6	CS-49 (2')	Total/NA	Solid	5035	
880-18551-7	CS-50 (2')	Total/NA	Solid	5035	
880-18551-8	CS-51 (2')	Total/NA	Solid	5035	
880-18551-9	CS-52 (2')	Total/NA	Solid	5035	
880-18551-10	CS-53 (2')	Total/NA	Solid	5035	
880-18551-11	CS-54 (2')	Total/NA	Solid	5035	
880-18551-12	CS-55 (2')	Total/NA	Solid	5035	
880-18551-13	CS-56 (2')	Total/NA	Solid	5035	
880-18551-14	CS-57 (2')	Total/NA	Solid	5035	
880-18551-15	CS-58 (2')	Total/NA	Solid	5035	
880-18551-16	CS-59 (2')	Total/NA	Solid	5035	
880-18551-17	CS-60 (2')	Total/NA	Solid	5035	
880-18551-18	CS-61 (2')	Total/NA	Solid	5035	
880-18551-19	CS-62 (2')	Total/NA	Solid	5035	
880-18551-20	CS-63 (6')	Total/NA	Solid	5035	
MB 880-33026/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33026/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33026/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18551-1 MS	CS-44 (2')	Total/NA	Solid	5035	
880-18551-1 MSD	CS-44 (2')	Total/NA	Solid	5035	

Prep Batch: 33031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-21	CS-64 (6')	Total/NA	Solid	5035	
880-18551-22	CS-65 (6')	Total/NA	Solid	5035	
880-18551-23	CS-66 (6')	Total/NA	Solid	5035	
880-18551-24	CS-67 (6')	Total/NA	Solid	5035	
880-18551-25	CS-68 (6')	Total/NA	Solid	5035	
880-18551-26	CS-69 (2')	Total/NA	Solid	5035	
880-18551-27	SW-24 (2')	Total/NA	Solid	5035	
880-18551-28	SW-25 (2')	Total/NA	Solid	5035	
880-18551-29	SW-26 (2')	Total/NA	Solid	5035	
880-18551-30	SW-27 (2')	Total/NA	Solid	5035	
880-18551-31	SW-28 (2')	Total/NA	Solid	5035	
880-18551-32	SW-29 (2')	Total/NA	Solid	5035	
880-18551-33	SW-30 (4')	Total/NA	Solid	5035	
880-18551-34	SW-31 (4')	Total/NA	Solid	5035	
880-18551-35	SW-32 (6')	Total/NA	Solid	5035	
880-18551-36	SW-33 (2')	Total/NA	Solid	5035	
MB 880-33031/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33031/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33031/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18551-21 MS	CS-64 (6')	Total/NA	Solid	5035	
880-18551-21 MSD	CS-64 (6')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 33136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-21	CS-64 (6')	Total/NA	Solid	8021B	33031
880-18551-22	CS-65 (6')	Total/NA	Solid	8021B	33031
880-18551-23	CS-66 (6')	Total/NA	Solid	8021B	33031
880-18551-24	CS-67 (6')	Total/NA	Solid	8021B	33031
880-18551-25	CS-68 (6')	Total/NA	Solid	8021B	33031
880-18551-26	CS-69 (2')	Total/NA	Solid	8021B	33031
880-18551-27	SW-24 (2')	Total/NA	Solid	8021B	33031
880-18551-28	SW-25 (2')	Total/NA	Solid	8021B	33031
880-18551-29	SW-26 (2')	Total/NA	Solid	8021B	33031
880-18551-30	SW-27 (2')	Total/NA	Solid	8021B	33031
880-18551-31	SW-28 (2')	Total/NA	Solid	8021B	33031
880-18551-32	SW-29 (2')	Total/NA	Solid	8021B	33031
880-18551-33	SW-30 (4')	Total/NA	Solid	8021B	33031
880-18551-34	SW-31 (4')	Total/NA	Solid	8021B	33031
880-18551-35	SW-32 (6')	Total/NA	Solid	8021B	33031
880-18551-36	SW-33 (2')	Total/NA	Solid	8021B	33031
MB 880-33031/5-A	Method Blank	Total/NA	Solid	8021B	33031
LCS 880-33031/1-A	Lab Control Sample	Total/NA	Solid	8021B	33031
LCSD 880-33031/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33031
880-18551-21 MS	CS-64 (6')	Total/NA	Solid	8021B	33031
880-18551-21 MSD	CS-64 (6')	Total/NA	Solid	8021B	33031

Analysis Batch: 33138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Total/NA	Solid	8021B	33026
880-18551-2	CS-45 (2')	Total/NA	Solid	8021B	33026
880-18551-3	CS-46 (2')	Total/NA	Solid	8021B	33026
880-18551-4	CS-47 (2')	Total/NA	Solid	8021B	33026
880-18551-5	CS-48 (2')	Total/NA	Solid	8021B	33026
880-18551-6	CS-49 (2')	Total/NA	Solid	8021B	33026
880-18551-7	CS-50 (2')	Total/NA	Solid	8021B	33026
880-18551-8	CS-51 (2')	Total/NA	Solid	8021B	33026
880-18551-9	CS-52 (2')	Total/NA	Solid	8021B	33026
880-18551-10	CS-53 (2')	Total/NA	Solid	8021B	33026
880-18551-11	CS-54 (2')	Total/NA	Solid	8021B	33026
880-18551-12	CS-55 (2')	Total/NA	Solid	8021B	33026
880-18551-13	CS-56 (2')	Total/NA	Solid	8021B	33026
880-18551-14	CS-57 (2')	Total/NA	Solid	8021B	33026
880-18551-15	CS-58 (2')	Total/NA	Solid	8021B	33026
880-18551-16	CS-59 (2')	Total/NA	Solid	8021B	33026
880-18551-17	CS-60 (2')	Total/NA	Solid	8021B	33026
880-18551-18	CS-61 (2')	Total/NA	Solid	8021B	33026
880-18551-19	CS-62 (2')	Total/NA	Solid	8021B	33026
880-18551-20	CS-63 (6')	Total/NA	Solid	8021B	33026
MB 880-33026/5-A	Method Blank	Total/NA	Solid	8021B	33026
LCS 880-33026/1-A	Lab Control Sample	Total/NA	Solid	8021B	33026
LCSD 880-33026/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33026
880-18551-1 MS	CS-44 (2')	Total/NA	Solid	8021B	33026
880-18551-1 MSD	CS-44 (2')	Total/NA	Solid	8021B	33026

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 33246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Total/NA	Solid	Total BTEX	
880-18551-2	CS-45 (2')	Total/NA	Solid	Total BTEX	
880-18551-3	CS-46 (2')	Total/NA	Solid	Total BTEX	
880-18551-4	CS-47 (2')	Total/NA	Solid	Total BTEX	
880-18551-5	CS-48 (2')	Total/NA	Solid	Total BTEX	
880-18551-6	CS-49 (2')	Total/NA	Solid	Total BTEX	
880-18551-7	CS-50 (2')	Total/NA	Solid	Total BTEX	
880-18551-8	CS-51 (2')	Total/NA	Solid	Total BTEX	
880-18551-9	CS-52 (2')	Total/NA	Solid	Total BTEX	
880-18551-10	CS-53 (2')	Total/NA	Solid	Total BTEX	
880-18551-11	CS-54 (2')	Total/NA	Solid	Total BTEX	
880-18551-12	CS-55 (2')	Total/NA	Solid	Total BTEX	
880-18551-13	CS-56 (2')	Total/NA	Solid	Total BTEX	
880-18551-14	CS-57 (2')	Total/NA	Solid	Total BTEX	
880-18551-15	CS-58 (2')	Total/NA	Solid	Total BTEX	
880-18551-16	CS-59 (2')	Total/NA	Solid	Total BTEX	
880-18551-17	CS-60 (2')	Total/NA	Solid	Total BTEX	
880-18551-18	CS-61 (2')	Total/NA	Solid	Total BTEX	
880-18551-19	CS-62 (2')	Total/NA	Solid	Total BTEX	
880-18551-20	CS-63 (6')	Total/NA	Solid	Total BTEX	
880-18551-21	CS-64 (6')	Total/NA	Solid	Total BTEX	
880-18551-22	CS-65 (6')	Total/NA	Solid	Total BTEX	
880-18551-23	CS-66 (6')	Total/NA	Solid	Total BTEX	
880-18551-24	CS-67 (6')	Total/NA	Solid	Total BTEX	
880-18551-25	CS-68 (6')	Total/NA	Solid	Total BTEX	
880-18551-26	CS-69 (2')	Total/NA	Solid	Total BTEX	
880-18551-27	SW-24 (2')	Total/NA	Solid	Total BTEX	
880-18551-28	SW-25 (2')	Total/NA	Solid	Total BTEX	
880-18551-29	SW-26 (2')	Total/NA	Solid	Total BTEX	
880-18551-30	SW-27 (2')	Total/NA	Solid	Total BTEX	
880-18551-31	SW-28 (2')	Total/NA	Solid	Total BTEX	
880-18551-32	SW-29 (2')	Total/NA	Solid	Total BTEX	
880-18551-33	SW-30 (4')	Total/NA	Solid	Total BTEX	
880-18551-34	SW-31 (4')	Total/NA	Solid	Total BTEX	
880-18551-35	SW-32 (6')	Total/NA	Solid	Total BTEX	
880-18551-36	SW-33 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 33044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Total/NA	Solid	8015NM Prep	
880-18551-2	CS-45 (2')	Total/NA	Solid	8015NM Prep	
880-18551-3	CS-46 (2')	Total/NA	Solid	8015NM Prep	
880-18551-4	CS-47 (2')	Total/NA	Solid	8015NM Prep	
880-18551-5	CS-48 (2')	Total/NA	Solid	8015NM Prep	
880-18551-6	CS-49 (2')	Total/NA	Solid	8015NM Prep	
880-18551-7	CS-50 (2')	Total/NA	Solid	8015NM Prep	
880-18551-8	CS-51 (2')	Total/NA	Solid	8015NM Prep	
880-18551-9	CS-52 (2')	Total/NA	Solid	8015NM Prep	
880-18551-10	CS-53 (2')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 33044 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-11	CS-54 (2')	Total/NA	Solid	8015NM Prep	
880-18551-12	CS-55 (2')	Total/NA	Solid	8015NM Prep	
880-18551-13	CS-56 (2')	Total/NA	Solid	8015NM Prep	
880-18551-14	CS-57 (2')	Total/NA	Solid	8015NM Prep	
880-18551-15	CS-58 (2')	Total/NA	Solid	8015NM Prep	
880-18551-16	CS-59 (2')	Total/NA	Solid	8015NM Prep	
880-18551-17	CS-60 (2')	Total/NA	Solid	8015NM Prep	
880-18551-18	CS-61 (2')	Total/NA	Solid	8015NM Prep	
880-18551-19	CS-62 (2')	Total/NA	Solid	8015NM Prep	
880-18551-20	CS-63 (6')	Total/NA	Solid	8015NM Prep	
MB 880-33044/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33044/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33044/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18551-1 MS	CS-44 (2')	Total/NA	Solid	8015NM Prep	
880-18551-1 MSD	CS-44 (2')	Total/NA	Solid	8015NM Prep	

Prep Batch: 33045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-21	CS-64 (6')	Total/NA	Solid	8015NM Prep	
880-18551-22	CS-65 (6')	Total/NA	Solid	8015NM Prep	
880-18551-23	CS-66 (6')	Total/NA	Solid	8015NM Prep	
880-18551-24	CS-67 (6')	Total/NA	Solid	8015NM Prep	
880-18551-25	CS-68 (6')	Total/NA	Solid	8015NM Prep	
880-18551-26	CS-69 (2')	Total/NA	Solid	8015NM Prep	
880-18551-27	SW-24 (2')	Total/NA	Solid	8015NM Prep	
880-18551-28	SW-25 (2')	Total/NA	Solid	8015NM Prep	
880-18551-29	SW-26 (2')	Total/NA	Solid	8015NM Prep	
880-18551-30	SW-27 (2')	Total/NA	Solid	8015NM Prep	
880-18551-31	SW-28 (2')	Total/NA	Solid	8015NM Prep	
880-18551-32	SW-29 (2')	Total/NA	Solid	8015NM Prep	
880-18551-33	SW-30 (4')	Total/NA	Solid	8015NM Prep	
880-18551-34	SW-31 (4')	Total/NA	Solid	8015NM Prep	
880-18551-35	SW-32 (6')	Total/NA	Solid	8015NM Prep	
880-18551-36	SW-33 (2')	Total/NA	Solid	8015NM Prep	
MB 880-33045/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33045/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33045/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18551-21 MS	CS-64 (6')	Total/NA	Solid	8015NM Prep	
880-18551-21 MSD	CS-64 (6')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Total/NA	Solid	8015B NM	33044
880-18551-2	CS-45 (2')	Total/NA	Solid	8015B NM	33044
880-18551-3	CS-46 (2')	Total/NA	Solid	8015B NM	33044
880-18551-4	CS-47 (2')	Total/NA	Solid	8015B NM	33044
880-18551-5	CS-48 (2')	Total/NA	Solid	8015B NM	33044
880-18551-6	CS-49 (2')	Total/NA	Solid	8015B NM	33044
880-18551-7	CS-50 (2')	Total/NA	Solid	8015B NM	33044
880-18551-8	CS-51 (2')	Total/NA	Solid	8015B NM	33044
880-18551-9	CS-52 (2')	Total/NA	Solid	8015B NM	33044

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33100 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-10	CS-53 (2')	Total/NA	Solid	8015B NM	33044
880-18551-11	CS-54 (2')	Total/NA	Solid	8015B NM	33044
880-18551-12	CS-55 (2')	Total/NA	Solid	8015B NM	33044
880-18551-13	CS-56 (2')	Total/NA	Solid	8015B NM	33044
880-18551-14	CS-57 (2')	Total/NA	Solid	8015B NM	33044
880-18551-15	CS-58 (2')	Total/NA	Solid	8015B NM	33044
880-18551-16	CS-59 (2')	Total/NA	Solid	8015B NM	33044
880-18551-17	CS-60 (2')	Total/NA	Solid	8015B NM	33044
880-18551-18	CS-61 (2')	Total/NA	Solid	8015B NM	33044
880-18551-19	CS-62 (2')	Total/NA	Solid	8015B NM	33044
880-18551-20	CS-63 (6')	Total/NA	Solid	8015B NM	33044
880-18551-21	CS-64 (6')	Total/NA	Solid	8015B NM	33045
880-18551-22	CS-65 (6')	Total/NA	Solid	8015B NM	33045
880-18551-23	CS-66 (6')	Total/NA	Solid	8015B NM	33045
880-18551-24	CS-67 (6')	Total/NA	Solid	8015B NM	33045
880-18551-25	CS-68 (6')	Total/NA	Solid	8015B NM	33045
880-18551-26	CS-69 (2')	Total/NA	Solid	8015B NM	33045
880-18551-27	SW-24 (2')	Total/NA	Solid	8015B NM	33045
880-18551-28	SW-25 (2')	Total/NA	Solid	8015B NM	33045
880-18551-29	SW-26 (2')	Total/NA	Solid	8015B NM	33045
880-18551-30	SW-27 (2')	Total/NA	Solid	8015B NM	33045
880-18551-31	SW-28 (2')	Total/NA	Solid	8015B NM	33045
880-18551-32	SW-29 (2')	Total/NA	Solid	8015B NM	33045
880-18551-33	SW-30 (4')	Total/NA	Solid	8015B NM	33045
880-18551-34	SW-31 (4')	Total/NA	Solid	8015B NM	33045
880-18551-35	SW-32 (6')	Total/NA	Solid	8015B NM	33045
880-18551-36	SW-33 (2')	Total/NA	Solid	8015B NM	33045
MB 880-33044/1-A	Method Blank	Total/NA	Solid	8015B NM	33044
MB 880-33045/1-A	Method Blank	Total/NA	Solid	8015B NM	33045
LCS 880-33044/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33044
LCS 880-33045/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33045
LCSD 880-33044/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33044
LCSD 880-33045/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33045
880-18551-1 MS	CS-44 (2')	Total/NA	Solid	8015B NM	33044
880-18551-1 MSD	CS-44 (2')	Total/NA	Solid	8015B NM	33044
880-18551-21 MS	CS-64 (6')	Total/NA	Solid	8015B NM	33045
880-18551-21 MSD	CS-64 (6')	Total/NA	Solid	8015B NM	33045

Analysis Batch: 33275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Total/NA	Solid	8015 NM	
880-18551-2	CS-45 (2')	Total/NA	Solid	8015 NM	
880-18551-3	CS-46 (2')	Total/NA	Solid	8015 NM	
880-18551-4	CS-47 (2')	Total/NA	Solid	8015 NM	
880-18551-5	CS-48 (2')	Total/NA	Solid	8015 NM	
880-18551-6	CS-49 (2')	Total/NA	Solid	8015 NM	
880-18551-7	CS-50 (2')	Total/NA	Solid	8015 NM	
880-18551-8	CS-51 (2')	Total/NA	Solid	8015 NM	
880-18551-9	CS-52 (2')	Total/NA	Solid	8015 NM	
880-18551-10	CS-53 (2')	Total/NA	Solid	8015 NM	
880-18551-11	CS-54 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-12	CS-55 (2')	Total/NA	Solid	8015 NM	
880-18551-13	CS-56 (2')	Total/NA	Solid	8015 NM	
880-18551-14	CS-57 (2')	Total/NA	Solid	8015 NM	
880-18551-15	CS-58 (2')	Total/NA	Solid	8015 NM	
880-18551-16	CS-59 (2')	Total/NA	Solid	8015 NM	
880-18551-17	CS-60 (2')	Total/NA	Solid	8015 NM	
880-18551-18	CS-61 (2')	Total/NA	Solid	8015 NM	
880-18551-19	CS-62 (2')	Total/NA	Solid	8015 NM	
880-18551-20	CS-63 (6')	Total/NA	Solid	8015 NM	
880-18551-21	CS-64 (6')	Total/NA	Solid	8015 NM	
880-18551-22	CS-65 (6')	Total/NA	Solid	8015 NM	
880-18551-23	CS-66 (6')	Total/NA	Solid	8015 NM	
880-18551-24	CS-67 (6')	Total/NA	Solid	8015 NM	
880-18551-25	CS-68 (6')	Total/NA	Solid	8015 NM	
880-18551-26	CS-69 (2')	Total/NA	Solid	8015 NM	
880-18551-27	SW-24 (2')	Total/NA	Solid	8015 NM	
880-18551-28	SW-25 (2')	Total/NA	Solid	8015 NM	
880-18551-29	SW-26 (2')	Total/NA	Solid	8015 NM	
880-18551-30	SW-27 (2')	Total/NA	Solid	8015 NM	
880-18551-31	SW-28 (2')	Total/NA	Solid	8015 NM	
880-18551-32	SW-29 (2')	Total/NA	Solid	8015 NM	
880-18551-33	SW-30 (4')	Total/NA	Solid	8015 NM	
880-18551-34	SW-31 (4')	Total/NA	Solid	8015 NM	
880-18551-35	SW-32 (6')	Total/NA	Solid	8015 NM	
880-18551-36	SW-33 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Soluble	Solid	DI Leach	
880-18551-2	CS-45 (2')	Soluble	Solid	DI Leach	
880-18551-3	CS-46 (2')	Soluble	Solid	DI Leach	
880-18551-4	CS-47 (2')	Soluble	Solid	DI Leach	
880-18551-5	CS-48 (2')	Soluble	Solid	DI Leach	
880-18551-6	CS-49 (2')	Soluble	Solid	DI Leach	
880-18551-7	CS-50 (2')	Soluble	Solid	DI Leach	
880-18551-8	CS-51 (2')	Soluble	Solid	DI Leach	
880-18551-9	CS-52 (2')	Soluble	Solid	DI Leach	
880-18551-10	CS-53 (2')	Soluble	Solid	DI Leach	
880-18551-11	CS-54 (2')	Soluble	Solid	DI Leach	
880-18551-12	CS-55 (2')	Soluble	Solid	DI Leach	
880-18551-13	CS-56 (2')	Soluble	Solid	DI Leach	
880-18551-14	CS-57 (2')	Soluble	Solid	DI Leach	
880-18551-15	CS-58 (2')	Soluble	Solid	DI Leach	
880-18551-16	CS-59 (2')	Soluble	Solid	DI Leach	
880-18551-17	CS-60 (2')	Soluble	Solid	DI Leach	
880-18551-18	CS-61 (2')	Soluble	Solid	DI Leach	
880-18551-19	CS-62 (2')	Soluble	Solid	DI Leach	
880-18551-20	CS-63 (6')	Soluble	Solid	DI Leach	
MB 880-33046/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 33046 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-33046/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33046/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18551-1 MS	CS-44 (2')	Soluble	Solid	DI Leach	
880-18551-1 MSD	CS-44 (2')	Soluble	Solid	DI Leach	
880-18551-11 MS	CS-54 (2')	Soluble	Solid	DI Leach	
880-18551-11 MSD	CS-54 (2')	Soluble	Solid	DI Leach	

Leach Batch: 33054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-21	CS-64 (6')	Soluble	Solid	DI Leach	
880-18551-22	CS-65 (6')	Soluble	Solid	DI Leach	
880-18551-23	CS-66 (6')	Soluble	Solid	DI Leach	
880-18551-24	CS-67 (6')	Soluble	Solid	DI Leach	
880-18551-25	CS-68 (6')	Soluble	Solid	DI Leach	
880-18551-26	CS-69 (2')	Soluble	Solid	DI Leach	
880-18551-27	SW-24 (2')	Soluble	Solid	DI Leach	
880-18551-28	SW-25 (2')	Soluble	Solid	DI Leach	
880-18551-29	SW-26 (2')	Soluble	Solid	DI Leach	
880-18551-30	SW-27 (2')	Soluble	Solid	DI Leach	
880-18551-31	SW-28 (2')	Soluble	Solid	DI Leach	
880-18551-32	SW-29 (2')	Soluble	Solid	DI Leach	
880-18551-33	SW-30 (4')	Soluble	Solid	DI Leach	
880-18551-34	SW-31 (4')	Soluble	Solid	DI Leach	
880-18551-35	SW-32 (6')	Soluble	Solid	DI Leach	
880-18551-36	SW-33 (2')	Soluble	Solid	DI Leach	
MB 880-33054/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33054/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33054/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18551-21 MS	CS-64 (6')	Soluble	Solid	DI Leach	
880-18551-21 MSD	CS-64 (6')	Soluble	Solid	DI Leach	
880-18551-31 MS	SW-28 (2')	Soluble	Solid	DI Leach	
880-18551-31 MSD	SW-28 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 33152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-1	CS-44 (2')	Soluble	Solid	300.0	33046
880-18551-2	CS-45 (2')	Soluble	Solid	300.0	33046
880-18551-3	CS-46 (2')	Soluble	Solid	300.0	33046
880-18551-4	CS-47 (2')	Soluble	Solid	300.0	33046
880-18551-5	CS-48 (2')	Soluble	Solid	300.0	33046
880-18551-6	CS-49 (2')	Soluble	Solid	300.0	33046
880-18551-7	CS-50 (2')	Soluble	Solid	300.0	33046
880-18551-8	CS-51 (2')	Soluble	Solid	300.0	33046
880-18551-9	CS-52 (2')	Soluble	Solid	300.0	33046
880-18551-10	CS-53 (2')	Soluble	Solid	300.0	33046
880-18551-11	CS-54 (2')	Soluble	Solid	300.0	33046
880-18551-12	CS-55 (2')	Soluble	Solid	300.0	33046
880-18551-13	CS-56 (2')	Soluble	Solid	300.0	33046
880-18551-14	CS-57 (2')	Soluble	Solid	300.0	33046
880-18551-15	CS-58 (2')	Soluble	Solid	300.0	33046
880-18551-16	CS-59 (2')	Soluble	Solid	300.0	33046

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 33152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-17	CS-60 (2')	Soluble	Solid	300.0	33046
880-18551-18	CS-61 (2')	Soluble	Solid	300.0	33046
880-18551-19	CS-62 (2')	Soluble	Solid	300.0	33046
880-18551-20	CS-63 (6')	Soluble	Solid	300.0	33046
MB 880-33046/1-A	Method Blank	Soluble	Solid	300.0	33046
LCS 880-33046/2-A	Lab Control Sample	Soluble	Solid	300.0	33046
LCSD 880-33046/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33046
880-18551-1 MS	CS-44 (2')	Soluble	Solid	300.0	33046
880-18551-1 MSD	CS-44 (2')	Soluble	Solid	300.0	33046
880-18551-11 MS	CS-54 (2')	Soluble	Solid	300.0	33046
880-18551-11 MSD	CS-54 (2')	Soluble	Solid	300.0	33046

Analysis Batch: 33153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18551-21	CS-64 (6')	Soluble	Solid	300.0	33054
880-18551-22	CS-65 (6')	Soluble	Solid	300.0	33054
880-18551-23	CS-66 (6')	Soluble	Solid	300.0	33054
880-18551-24	CS-67 (6')	Soluble	Solid	300.0	33054
880-18551-25	CS-68 (6')	Soluble	Solid	300.0	33054
880-18551-26	CS-69 (2')	Soluble	Solid	300.0	33054
880-18551-27	SW-24 (2')	Soluble	Solid	300.0	33054
880-18551-28	SW-25 (2')	Soluble	Solid	300.0	33054
880-18551-29	SW-26 (2')	Soluble	Solid	300.0	33054
880-18551-30	SW-27 (2')	Soluble	Solid	300.0	33054
880-18551-31	SW-28 (2')	Soluble	Solid	300.0	33054
880-18551-32	SW-29 (2')	Soluble	Solid	300.0	33054
880-18551-33	SW-30 (4')	Soluble	Solid	300.0	33054
880-18551-34	SW-31 (4')	Soluble	Solid	300.0	33054
880-18551-35	SW-32 (6')	Soluble	Solid	300.0	33054
880-18551-36	SW-33 (2')	Soluble	Solid	300.0	33054
MB 880-33054/1-A	Method Blank	Soluble	Solid	300.0	33054
LCS 880-33054/2-A	Lab Control Sample	Soluble	Solid	300.0	33054
LCSD 880-33054/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33054
880-18551-21 MS	CS-64 (6')	Soluble	Solid	300.0	33054
880-18551-21 MSD	CS-64 (6')	Soluble	Solid	300.0	33054
880-18551-31 MS	SW-28 (2')	Soluble	Solid	300.0	33054
880-18551-31 MSD	SW-28 (2')	Soluble	Solid	300.0	33054

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Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-44 (2')

Lab Sample ID: 880-18551-1

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 16:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 12:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 17:23	CH	EET MID

Client Sample ID: CS-45 (2')

Lab Sample ID: 880-18551-2

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 17:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 13:15	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 17:51	CH	EET MID

Client Sample ID: CS-46 (2')

Lab Sample ID: 880-18551-3

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 17:34	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 13:37	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 18:00	CH	EET MID

Client Sample ID: CS-47 (2')

Lab Sample ID: 880-18551-4

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 17:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-47 (2')

Lab Sample ID: 880-18551-4

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 13:59	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 18:09	CH	EET MID

Client Sample ID: CS-48 (2')

Lab Sample ID: 880-18551-5

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 18:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 14:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 18:18	CH	EET MID

Client Sample ID: CS-49 (2')

Lab Sample ID: 880-18551-6

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 18:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 14:42	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 18:46	CH	EET MID

Client Sample ID: CS-50 (2')

Lab Sample ID: 880-18551-7

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 18:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 15:04	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-50 (2')

Lab Sample ID: 880-18551-7

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 18:55	CH	EET MID

Client Sample ID: CS-51 (2')

Lab Sample ID: 880-18551-8

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 19:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 15:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 19:04	CH	EET MID

Client Sample ID: CS-52 (2')

Lab Sample ID: 880-18551-9

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 19:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 15:47	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 19:14	CH	EET MID

Client Sample ID: CS-53 (2')

Lab Sample ID: 880-18551-10

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 19:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 16:08	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 19:23	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-54 (2')

Lab Sample ID: 880-18551-11

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 21:48	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 16:51	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 19:32	CH	EET MID

Client Sample ID: CS-55 (2')

Lab Sample ID: 880-18551-12

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 22:08	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 20:00	CH	EET MID

Client Sample ID: CS-56 (2')

Lab Sample ID: 880-18551-13

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 22:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 17:33	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 20:09	CH	EET MID

Client Sample ID: CS-57 (2')

Lab Sample ID: 880-18551-14

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 22:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-57 (2')

Lab Sample ID: 880-18551-14

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 17:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 20:37	CH	EET MID

Client Sample ID: CS-58 (2')

Lab Sample ID: 880-18551-15

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 23:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 18:16	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 20:46	CH	EET MID

Client Sample ID: CS-59 (2')

Lab Sample ID: 880-18551-16

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 23:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 18:37	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 20:55	CH	EET MID

Client Sample ID: CS-60 (2')

Lab Sample ID: 880-18551-17

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/28/22 23:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 18:58	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-60 (2')

Lab Sample ID: 880-18551-17

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 21:04	CH	EET MID

Client Sample ID: CS-61 (2')

Lab Sample ID: 880-18551-18

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/29/22 00:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 19:19	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 21:14	CH	EET MID

Client Sample ID: CS-62 (2')

Lab Sample ID: 880-18551-19

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/29/22 00:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 19:41	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 21:23	CH	EET MID

Client Sample ID: CS-63 (6')

Lab Sample ID: 880-18551-20

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33026	08/26/22 09:25	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33138	08/29/22 00:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33044	08/26/22 10:33	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 20:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33046	08/26/22 10:43	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33152	08/28/22 21:32	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-64 (6')

Lab Sample ID: 880-18551-21

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 16:44	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 21:47	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/28/22 22:46	CH	EET MID

Client Sample ID: CS-65 (6')

Lab Sample ID: 880-18551-22

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 17:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 22:51	SM	EET MID
Soluble	Leach	DI Leach			5.96 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/28/22 23:13	CH	EET MID

Client Sample ID: CS-66 (6')

Lab Sample ID: 880-18551-23

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 17:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 23:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/28/22 23:22	CH	EET MID

Client Sample ID: CS-67 (6')

Lab Sample ID: 880-18551-24

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 18:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: CS-67 (6')

Lab Sample ID: 880-18551-24

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 23:33	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/28/22 23:32	CH	EET MID

Client Sample ID: CS-68 (6')

Lab Sample ID: 880-18551-25

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 18:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/27/22 23:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/28/22 23:41	CH	EET MID

Client Sample ID: CS-69 (2')

Lab Sample ID: 880-18551-26

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 18:53	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 00:15	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 00:08	CH	EET MID

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-18551-27

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 19:18	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 00:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-24 (2')

Lab Sample ID: 880-18551-27

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 00:18	CH	EET MID

Client Sample ID: SW-25 (2')

Lab Sample ID: 880-18551-28

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 19:44	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 00:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 00:27	CH	EET MID

Client Sample ID: SW-26 (2')

Lab Sample ID: 880-18551-29

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 20:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 01:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 00:36	CH	EET MID

Client Sample ID: SW-27 (2')

Lab Sample ID: 880-18551-30

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 20:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 01:40	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 00:45	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-28 (2')

Lab Sample ID: 880-18551-31

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 22:19	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 02:23	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 00:54	CH	EET MID

Client Sample ID: SW-29 (2')

Lab Sample ID: 880-18551-32

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 22:45	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 02:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 01:22	CH	EET MID

Client Sample ID: SW-30 (4')

Lab Sample ID: 880-18551-33

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 23:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 03:05	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 01:31	CH	EET MID

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-18551-34

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/28/22 23:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-18551-34

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 03:27	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 01:59	CH	EET MID

Client Sample ID: SW-32 (6')

Lab Sample ID: 880-18551-35

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/29/22 00:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 03:48	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 02:08	CH	EET MID

Client Sample ID: SW-33 (2')

Lab Sample ID: 880-18551-36

Date Collected: 08/25/22 00:00

Matrix: Solid

Date Received: 08/26/22 08:12

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	33031	08/26/22 09:31	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33136	08/29/22 00:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33246	08/29/22 15:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			33275	08/29/22 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33045	08/26/22 10:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33100	08/28/22 04:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33054	08/26/22 11:07	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33153	08/29/22 02:17	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18551-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18551-1	CS-44 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-2	CS-45 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-3	CS-46 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-4	CS-47 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-5	CS-48 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-6	CS-49 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-7	CS-50 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-8	CS-51 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-9	CS-52 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-10	CS-53 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-11	CS-54 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-12	CS-55 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-13	CS-56 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-14	CS-57 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-15	CS-58 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-16	CS-59 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-17	CS-60 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-18	CS-61 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-19	CS-62 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-20	CS-63 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-21	CS-64 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-22	CS-65 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-23	CS-66 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-24	CS-67 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-25	CS-68 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-26	CS-69 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-27	SW-24 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-28	SW-25 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-29	SW-26 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-30	SW-27 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-31	SW-28 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-32	SW-29 (2')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-33	SW-30 (4')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-34	SW-31 (4')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-35	SW-32 (6')	Solid	08/25/22 00:00	08/26/22 08:12
880-18551-36	SW-33 (2')	Solid	08/25/22 00:00	08/26/22 08:12

Project Manager	Comer Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	432-813-6823	Email	joseph.vargo@nnglp.com

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

Work Order No: 18551

ANALYSIS REQUEST						Preservative Codes	
Project Name:	Moultrie SWD	Turn Around				None NO	DI Water H ₂ O
Project Number	1009	☐ Routine	☒ Rush			Cool Cool	MeOH Me
Project Location	Eddy Co., NM	Due Date	24 Hrs			HCL HC	HNO ₃ HN
Sampler's Name	CCM/DS	TAT starts the day/received by the lab. if received by 4.30pm				H ₂ SO ₄ H ₂	NaOH Na
PO #:							
SAMPLE RECEIPT							
Received Intact:	Temp Blank.	Yes ☒	No ☐	Thermometer ID	Wet Ice	OS No	H ₃ PO ₄ HP
Cooler Custody Seals.	Yes ☒	No ☐	Correction Factor	+ .2			NaHSO ₄ NABIS
Sample Custody Seals.	Yes ☒	No ☐	Temperature Reading	0.6			Na ₂ S ₂ O ₃ NaSO ₃
Total Containers.			Corrected Temperature	0.8			Zn Acetate+NaOH Zn
							NaOH+Ascorbic Acid SAPC
Sample Identification				Date	Time	Soil	Water
✓ CS-44 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-45 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-46 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-47 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-48 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-49 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-50 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-51 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-52 (2')	8/25/2022		X	Comp	1	X	X
✓ CS-53 (2')	8/25/2022		X	Comp	1	X	X



880-18551 Chain of Custody

[illegible]

Work Order No:

18551

Page 2 of 4

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste. 400
City, State ZIP	Midland, TX 79701	City State ZIP	Denver CO 80220
Phone	432-813-6823	Email	joseph.vargo@nnglep.com

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

Project Name:	Moutray SWD	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1009	☐ Routine	☒ Rush															None NO	DI Water H ₂ O	
Project Location	Eddy Co, NM	Due Date	24 Hrs															Cool Cool	MeOH Me	
Sampler's Name	CCM/DS	TAT starts the day received by the lab, if received by 4:30pm																HCL, HC	HNO ₃ HN	
PO #:																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP		
Received Intact:	Yes ☒ No ☐	Correction Factor	10.5											NaHSO ₄ NABIS						
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading	0.5											Na ₂ S ₂ O ₃ NaSO ₃						
Sample Custody Seals	Yes ☒ No ☐	Corrected Temperature	0.0											Zn Acetate+NaOH Zn						
Total Containers														NaOH+Ascorbic Acid SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B												Sample Comments	
✓CS-54 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-55 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-56 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-57 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-58 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-59 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-60 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-61 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-62 (2)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			
✓CS-63 (6)	8/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X	X			

Comments:

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Work Order No: 18551

Project Manager	Conner Moehrting	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Perminan
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste. 400
City, State ZIP	Midland, TX 79701	City State ZIP	Denver CO 80220
Phone	432-813-6823	Email	joseph.vargo@nqlep.com

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

Project Name		Moutray SWD		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs													None	NO	DI Water	H ₂ O		
Project Location	Eddy Co. NM																	Cool	Cool	MeOH	Me		
Sampler's Name	CCM/DS	TAT starts the day received by the lab. if received by 4:30pm																HCL	HC	HNO ₃	HN		
PO #																		H ₂ SO ₄	H ₂	NaOH	Na		
SAMPLE RECEIPT		Temp Blank	Yes	No	Wet Ice	Yes	No													H ₃ PO ₄	HP		
Received Intact	Yes	No	Thermometer ID		Yes	No													NaHSO ₄	NABIS			
Cooler Custody Seals	Yes	No	Correction Factor		Yes	No													Na ₂ S ₂ O ₃	NaSO ₃			
Sample Custody Seals	Yes	No	Temperature Reading		Yes	No													Zn Acetate	+NaOH	Zn		
Total Containers			Corrected Temperature		Yes	No													NaOH	+Ascorbic Acid	SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
✓CS-64 (6)	8/25/2022		X		Comp	1	X	X	X	X													
✓CS-65 (6)	8/25/2022		X		Comp	1	X	X	X	X													
✓CS-66 (6)	8/25/2022		X		Comp	1	X	X	X	X													
✓CS-67 (6)	8/25/2022		X		Comp	1	X	X	X	X													
✓CS-68 (6)	8/25/2022		X		Comp	1	X	X	X	X													
✓CS-69 (6)	8/25/2022		X		Comp	1	X	X	X	X													
✓SW-24 (2')	8/25/2022		X		Comp	1	X	X	X	X													
✓SW-25 (2')	8/25/2022		X		Comp	1	X	X	X	X													
✓SW-26 (2')	8/25/2022		X		Comp	1	X	X	X	X													
✓SW-27 (2')	8/25/2022		X		Comp	1	X	X	X	X													

[illegible]

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Work Order No: 19551

Project Manager
Company Name
Address
City, State ZIP
Phone

Conner Moehring
Carmona Resources
310 W Wall St Ste 415
Midland, TX 79701
432-813-6823

Bill to (if different)
Company Name
Address
City, State ZIP
Email

Joseph Vargo
NGL Water Solutions Permittan
865 North Albion St. Ste. 400
Denver CO 80220
joseph.vargo@nnglep.com

Program: UST/PST
State of Project
Reporting Level II
Deliverables EDD

☐ PRP ☐ ROWfields ☐ RC ☐ Level IV ☐ ADAPT ☐ Other

Work Order Comments

Project Name.		Moutray SWD		Turn Around		ANALYSIS REQUEST												Preservative Codes												
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs	Press. Code											None NO	DI Water H ₂ O												
Project Location	Eddy Co. NM	TAT starts the day received by the lab, if received by 4 30pm															Cool Cool	MeOH Me												
Sampler's Name	CCMDS																HCL, HC	HNO ₃ HN												
PO #:																	H ₂ SO ₄ H ₂	NaOH Na												
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☒	Thermometer ID	Yes ☒ No ☒	Wet Ice.	Yes ☒ No ☒											H ₃ PO ₄ HP												
Received Intact:		Yes ☒ No ☒	Correction Factor	Yes ☒ No ☒															NaHSO ₄ NABIS											
Cooler Custody Seals.		Yes ☒ No ☒	Temperature Reading	Yes ☒ No ☒															Na ₂ S ₂ O ₃ NaSO ₃											
Sample Custody Seals		Yes ☒ No ☒	Corrected Temperature	Yes ☒ No ☒															Zn Acetate+NaOH Zn											
Total Containers.																			NaOH+Ascorbic Acid SAPC											
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments												
✓SW-28 (2')		8/25/2022		X		Comp	1	X	X	X																				
✓SW-29 (2')		8/25/2022		X		Comp	1	X	X	X																				
✓SW-30 (4')		8/25/2022		X		Comp	1	X	X	X																				
✓SW-31 (4')		8/25/2022		X		Comp	1	X	X	X																				
✓SW-32 (6')		8/25/2022		X		Comp	1	X	X	X																				
✓SW-33 (2')		8/25/2022		X		Comp	1	X	X	X																				

Comments:

Relinquished by (Signature)

8/26/22

Date/Time

Received by (Signature)

8/26/22

Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18551-1

SDG Number: Eddy Co, NM

Login Number: 18551**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Midland**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18581-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Moutray SWD

For:

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

Attn: Conner Moehring

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

Authorized for release by:

9/2/2022 10:48:26 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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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: Moutray SWD

Laboratory Job ID: 880-18581-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Job ID: 880-18581-1
SDG: Eddy Co, NM

Job ID: 880-18581-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-18581-1

Receipt

The samples were received on 8/29/2022 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-33321/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-18581-A-11-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-80 (4') (880-18581-11), CS-82 (4') (880-18581-13), CS-84 (4') (880-18581-15), CS-85 (4') (880-18581-16) and CS-86 (4') (880-18581-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33081 and analytical batch 880-33339 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-33081/1-B) and (LCSD 880-33081/2-B). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) for preparation batch 880-33081 and analytical batch 880-33339 recovered outside control limits for the following analytes: Toluene, o-Xylene and Xylenes, Total. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33157/2-A) and (LCSD 880-33157/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-33157 and analytical batch 880-33143 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33238/2-A) and (LCSD 880-33238/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-73 (4') (880-18581-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-76 (4') (880-18581-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-78 (4') (880-18581-9) and CS-79 (4') (880-18581-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Job ID: 880-18581-1 (Continued)

Laboratory: Eurofins Midland (Continued)

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-18581-1

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 11:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 11:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 11:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/31/22 09:38	09/01/22 11:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 11:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/31/22 09:38	09/01/22 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/31/22 09:38	09/01/22 11:50	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/31/22 09:38	09/01/22 11:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/29/22 21:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 21:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	08/29/22 14:10	08/29/22 21:46	1
o-Terphenyl	106		70 - 130	08/29/22 14:10	08/29/22 21:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.97		mg/Kg			08/30/22 01:21	1

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-18581-2

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 12:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 12:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 12:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/31/22 09:38	09/01/22 12:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 12:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/31/22 09:38	09/01/22 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/31/22 09:38	09/01/22 12:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/31/22 09:38	09/01/22 12:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-18581-2

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/29/22 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				08/29/22 14:10	08/29/22 22:51	1
o-Terphenyl	113		70 - 130				08/29/22 14:10	08/29/22 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.1		4.95		mg/Kg			08/30/22 01:41	1

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-18581-3

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 12:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 12:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 12:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/31/22 09:38	09/01/22 12:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 12:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/31/22 09:38	09/01/22 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/31/22 09:38	09/01/22 12:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/31/22 09:38	09/01/22 12:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/29/22 23:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/29/22 23:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-18581-3

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/29/22 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/29/22 14:10	08/29/22 23:13	1
o-Terphenyl	118		70 - 130				08/29/22 14:10	08/29/22 23:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		4.99		mg/Kg			08/30/22 01:48	1

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-18581-4

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 13:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 13:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 13:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/31/22 09:38	09/01/22 13:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 13:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/31/22 09:38	09/01/22 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/31/22 09:38	09/01/22 13:07	1
1,4-Difluorobenzene (Surr)	124		70 - 130				08/31/22 09:38	09/01/22 13:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/29/22 23:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 23:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				08/29/22 14:10	08/29/22 23:34	1
o-Terphenyl	132	S1+	70 - 130				08/29/22 14:10	08/29/22 23:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	236		4.98		mg/Kg			08/30/22 01:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-18581-5

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 13:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 13:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 13:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/31/22 09:38	09/01/22 13:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 13:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/31/22 09:38	09/01/22 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/31/22 09:38	09/01/22 13:33	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/31/22 09:38	09/01/22 13:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/29/22 23:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 23:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/29/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	08/29/22 14:10	08/29/22 23:56	1
o-Terphenyl	120		70 - 130	08/29/22 14:10	08/29/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.7		5.02		mg/Kg			08/30/22 02:01	1

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-18581-6

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 13:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 13:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 13:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/31/22 09:38	09/01/22 13:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 13:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/31/22 09:38	09/01/22 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/31/22 09:38	09/01/22 13:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/31/22 09:38	09/01/22 13:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-18581-6

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 00:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 00:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				08/29/22 14:10	08/30/22 00:17	1
o-Terphenyl	123		70 - 130				08/29/22 14:10	08/30/22 00:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.1		5.05		mg/Kg			08/30/22 02:21	1

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-18581-7

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/31/22 09:38	09/01/22 14:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/31/22 09:38	09/01/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/31/22 09:38	09/01/22 14:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/31/22 09:38	09/01/22 14:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 00:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 00:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-18581-7

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/29/22 14:10	08/30/22 00:38	1
o-Terphenyl	125		70 - 130				08/29/22 14:10	08/30/22 00:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.0		4.97		mg/Kg			08/30/22 02:28	1

Client Sample ID: CS-77 (4')

Lab Sample ID: 880-18581-8

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/31/22 09:38	09/01/22 14:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 14:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/31/22 09:38	09/01/22 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/31/22 09:38	09/01/22 14:49	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/31/22 09:38	09/01/22 14:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 00:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/29/22 14:10	08/30/22 00:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/29/22 14:10	08/30/22 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/29/22 14:10	08/30/22 00:59	1
o-Terphenyl	120		70 - 130				08/29/22 14:10	08/30/22 00:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.0		5.01		mg/Kg			08/30/22 02:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-78 (4')

Lab Sample ID: 880-18581-9

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 15:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 15:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 15:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/31/22 09:38	09/01/22 15:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/31/22 09:38	09/01/22 15:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/31/22 09:38	09/01/22 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/31/22 09:38	09/01/22 15:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/31/22 09:38	09/01/22 15:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	08/29/22 14:10	08/30/22 01:20	1
o-Terphenyl	127		70 - 130	08/29/22 14:10	08/30/22 01:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		5.02		mg/Kg			08/30/22 02:41	1

Client Sample ID: CS-79 (4')

Lab Sample ID: 880-18581-10

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 17:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 17:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 17:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/31/22 09:38	09/01/22 17:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/31/22 09:38	09/01/22 17:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/31/22 09:38	09/01/22 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/31/22 09:38	09/01/22 17:23	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/31/22 09:38	09/01/22 17:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-79 (4')

Lab Sample ID: 880-18581-10

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 01:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 01:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				08/29/22 14:10	08/30/22 01:41	1
o-Terphenyl	127		70 - 130				08/29/22 14:10	08/30/22 01:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.3		5.00		mg/Kg			08/30/22 02:48	1

Client Sample ID: CS-80 (4')

Lab Sample ID: 880-18581-11

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/29/22 15:07	08/31/22 06:23	1
Toluene	<0.00200	U F1 *+	0.00200		mg/Kg		08/29/22 15:07	08/31/22 06:23	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/29/22 15:07	08/31/22 06:23	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		08/29/22 15:07	08/31/22 06:23	1
o-Xylene	<0.00200	U F1 *+	0.00200		mg/Kg		08/29/22 15:07	08/31/22 06:23	1
Xylenes, Total	<0.00399	U F1 *+	0.00399		mg/Kg		08/29/22 15:07	08/31/22 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				08/29/22 15:07	08/31/22 06:23	1
1,4-Difluorobenzene (Surr)	84		70 - 130				08/29/22 15:07	08/31/22 06:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 02:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-80 (4')

Lab Sample ID: 880-18581-11

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/29/22 14:10	08/30/22 02:23	1
o-Terphenyl	119		70 - 130				08/29/22 14:10	08/30/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		5.00		mg/Kg			08/30/22 02:54	1

Client Sample ID: CS-81 (4')

Lab Sample ID: 880-18581-12

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/29/22 15:07	08/31/22 06:49	1
Toluene	<0.00199	U *	0.00199		mg/Kg		08/29/22 15:07	08/31/22 06:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/29/22 15:07	08/31/22 06:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/29/22 15:07	08/31/22 06:49	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/29/22 15:07	08/31/22 06:49	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		08/29/22 15:07	08/31/22 06:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/29/22 15:07	08/31/22 06:49	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/29/22 15:07	08/31/22 06:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 02:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/29/22 14:10	08/30/22 02:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/29/22 14:10	08/30/22 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/29/22 14:10	08/30/22 02:44	1
o-Terphenyl	103		70 - 130				08/29/22 14:10	08/30/22 02:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.03		mg/Kg			08/30/22 03:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-82 (4')

Lab Sample ID: 880-18581-13

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:15	1
Toluene	<0.00200	U **	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/29/22 15:07	08/31/22 07:15	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:15	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		08/29/22 15:07	08/31/22 07:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	08/29/22 15:07	08/31/22 07:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/29/22 15:07	08/31/22 07:15	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			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 03:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	08/29/22 14:10	08/30/22 03:06	1
o-Terphenyl	102		70 - 130	08/29/22 14:10	08/30/22 03:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		5.04		mg/Kg			08/30/22 03:21	1

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18581-14

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:41	1
Toluene	<0.00200	U **	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/29/22 15:07	08/31/22 07:41	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/29/22 15:07	08/31/22 07:41	1
Xylenes, Total	<0.00400	U **	0.00400		mg/Kg		08/29/22 15:07	08/31/22 07:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/29/22 15:07	08/31/22 07:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/29/22 15:07	08/31/22 07:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18581-14

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

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			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 03:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 03:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 03:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/29/22 14:10	08/30/22 03:27	1
o-Terphenyl	108		70 - 130				08/29/22 14:10	08/30/22 03:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	247		4.96		mg/Kg			08/30/22 03:41	1

Client Sample ID: CS-84 (4')

Lab Sample ID: 880-18581-15

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/29/22 15:07	08/31/22 08:27	1
Toluene	<0.00201	U **	0.00201		mg/Kg		08/29/22 15:07	08/31/22 08:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/29/22 15:07	08/31/22 08:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/29/22 15:07	08/31/22 08:27	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/29/22 15:07	08/31/22 08:27	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		08/29/22 15:07	08/31/22 08:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				08/29/22 15:07	08/31/22 08:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/29/22 15:07	08/31/22 08:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 03:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-84 (4')

Lab Sample ID: 880-18581-15

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/29/22 14:10	08/30/22 03:48	1
o-Terphenyl	110		70 - 130				08/29/22 14:10	08/30/22 03:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		4.95		mg/Kg			08/30/22 03:48	1

Client Sample ID: CS-85 (4')

Lab Sample ID: 880-18581-16

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 08:52	1
Toluene	<0.00200	U *	0.00200		mg/Kg		08/29/22 15:07	08/31/22 08:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 08:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/29/22 15:07	08/31/22 08:52	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/29/22 15:07	08/31/22 08:52	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		08/29/22 15:07	08/31/22 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				08/29/22 15:07	08/31/22 08:52	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/29/22 15:07	08/31/22 08:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 04:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 04:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				08/29/22 14:10	08/30/22 04:10	1
o-Terphenyl	109		70 - 130				08/29/22 14:10	08/30/22 04:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		4.98		mg/Kg			08/30/22 03:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-86 (4')

Lab Sample ID: 880-18581-17

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/29/22 15:07	08/31/22 09:18	1
Toluene	<0.00199	U **	0.00199		mg/Kg		08/29/22 15:07	08/31/22 09:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/29/22 15:07	08/31/22 09:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/29/22 15:07	08/31/22 09:18	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		08/29/22 15:07	08/31/22 09:18	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		08/29/22 15:07	08/31/22 09:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	08/29/22 15:07	08/31/22 09:18	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/29/22 15:07	08/31/22 09:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 04:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 04:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/30/22 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	08/29/22 14:10	08/30/22 04:31	1
o-Terphenyl	109		70 - 130	08/29/22 14:10	08/30/22 04:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.7		4.98		mg/Kg			08/30/22 04:01	1

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18581-18

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/29/22 15:07	08/31/22 09:44	1
Toluene	<0.00198	U **	0.00198		mg/Kg		08/29/22 15:07	08/31/22 09:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/29/22 15:07	08/31/22 09:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/29/22 15:07	08/31/22 09:44	1
o-Xylene	<0.00198	U **	0.00198		mg/Kg		08/29/22 15:07	08/31/22 09:44	1
Xylenes, Total	<0.00396	U **	0.00396		mg/Kg		08/29/22 15:07	08/31/22 09:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	08/29/22 15:07	08/31/22 09:44	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/29/22 15:07	08/31/22 09:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18581-18

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 04:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 04:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 04:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/29/22 14:10	08/30/22 04:52	1
o-Terphenyl	102		70 - 130				08/29/22 14:10	08/30/22 04:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.0		5.03		mg/Kg			08/30/22 04:08	1

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-18581-19

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/29/22 15:07	08/31/22 10:10	1
Toluene	<0.00201	U **	0.00201		mg/Kg		08/29/22 15:07	08/31/22 10:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/29/22 15:07	08/31/22 10:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/29/22 15:07	08/31/22 10:10	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/29/22 15:07	08/31/22 10:10	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		08/29/22 15:07	08/31/22 10:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/29/22 15:07	08/31/22 10:10	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/29/22 15:07	08/31/22 10:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 05:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/29/22 14:10	08/30/22 05:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-18581-19

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/29/22 14:10	08/30/22 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/29/22 14:10	08/30/22 05:13	1
o-Terphenyl	122		70 - 130				08/29/22 14:10	08/30/22 05:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.5		4.95		mg/Kg			08/30/22 04:14	1

Client Sample ID: SW-35 (4')

Lab Sample ID: 880-18581-20

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 10:35	1
Toluene	<0.00200	U *	0.00200		mg/Kg		08/29/22 15:07	08/31/22 10:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 10:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/29/22 15:07	08/31/22 10:35	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/29/22 15:07	08/31/22 10:35	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		08/29/22 15:07	08/31/22 10:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				08/29/22 15:07	08/31/22 10:35	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/29/22 15:07	08/31/22 10:35	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			08/31/22 14:56	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			08/30/22 09:24	1

Method: 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		08/29/22 14:10	08/30/22 05:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 05:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 14:10	08/30/22 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/29/22 14:10	08/30/22 05:34	1
o-Terphenyl	104		70 - 130				08/29/22 14:10	08/30/22 05:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329		5.04		mg/Kg			08/30/22 04:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: SW-36 (4')

Lab Sample ID: 880-18581-21

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 11:43	08/31/22 20:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 11:43	08/31/22 20:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 11:43	08/31/22 20:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 11:43	08/31/22 20:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 11:43	08/31/22 20:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 11:43	08/31/22 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/30/22 11:43	08/31/22 20:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/30/22 11:43	08/31/22 20:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/31/22 14:56	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			08/30/22 09:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		08/29/22 09:00	08/29/22 19:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/29/22 09:00	08/29/22 19:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/29/22 09:00	08/29/22 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	08/29/22 09:00	08/29/22 19:59	1
o-Terphenyl	89		70 - 130	08/29/22 09:00	08/29/22 19:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		5.02		mg/Kg			08/29/22 21:28	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-18581-1	CS-70 (4')	112	87
880-18581-1 MS	CS-70 (4')	114	102
880-18581-1 MSD	CS-70 (4')	109	97
880-18581-2	CS-71 (4')	109	104
880-18581-3	CS-72 (4')	110	96
880-18581-4	CS-73 (4')	100	124
880-18581-5	CS-74 (4')	104	105
880-18581-6	CS-75 (4')	107	107
880-18581-7	CS-76 (4')	99	96
880-18581-8	CS-77 (4')	107	103
880-18581-9	CS-78 (4')	97	95
880-18581-10	CS-79 (4')	104	88
880-18581-11	CS-80 (4')	139 S1+	84
880-18581-11 MS	CS-80 (4')	117	93
880-18581-11 MSD	CS-80 (4')	136 S1+	98
880-18581-12	CS-81 (4')	113	87
880-18581-13	CS-82 (4')	131 S1+	94
880-18581-14	CS-83 (4')	117	96
880-18581-15	CS-84 (4')	142 S1+	92
880-18581-16	CS-85 (4')	166 S1+	106
880-18581-17	CS-86 (4')	150 S1+	102
880-18581-18	CS-87 (4')	125	90
880-18581-19	SW-34 (4')	120	105
880-18581-20	SW-35 (4')	122	106
880-18581-21	SW-36 (4')	117	89
880-18581-21 MS	SW-36 (4')	101	104
880-18581-21 MSD	SW-36 (4')	110	108
LCS 880-33081/1-B	Lab Control Sample	150 S1+	110
LCS 880-33353/1-A	Lab Control Sample	107	106
LCS 880-33416/1-A	Lab Control Sample	122	105
LCSD 880-33081/2-B	Lab Control Sample Dup	134 S1+	87
LCSD 880-33321/2-A	Lab Control Sample Dup	142 S1+	105
LCSD 880-33353/2-A	Lab Control Sample Dup	101	101
LCSD 880-33416/2-A	Lab Control Sample Dup	106	102
MB 880-33081/5-B	Method Blank	100	79
MB 880-33321/5-A	Method Blank	99	80
MB 880-33353/5-A	Method Blank	74	82
MB 880-33416/5-A	Method Blank	77	80
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-18525-A-1-D MS	Matrix Spike	95	81

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18581-1

Project/Site: Moutray SWD

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)
880-18525-A-1-E MSD	Matrix Spike Duplicate	90	78
880-18581-1	CS-70 (4')	114	106
880-18581-1 MS	CS-70 (4')	96	90
880-18581-1 MSD	CS-70 (4')	96	88
880-18581-2	CS-71 (4')	115	113
880-18581-3	CS-72 (4')	126	118
880-18581-4	CS-73 (4')	141 S1+	132 S1+
880-18581-5	CS-74 (4')	126	120
880-18581-6	CS-75 (4')	129	123
880-18581-7	CS-76 (4')	131 S1+	125
880-18581-8	CS-77 (4')	128	120
880-18581-9	CS-78 (4')	134 S1+	127
880-18581-10	CS-79 (4')	134 S1+	127
880-18581-11	CS-80 (4')	126	119
880-18581-12	CS-81 (4')	108	103
880-18581-13	CS-82 (4')	105	102
880-18581-14	CS-83 (4')	113	108
880-18581-15	CS-84 (4')	116	110
880-18581-16	CS-85 (4')	115	109
880-18581-17	CS-86 (4')	112	109
880-18581-18	CS-87 (4')	108	102
880-18581-19	SW-34 (4')	128	122
880-18581-20	SW-35 (4')	107	104
880-18581-21	SW-36 (4')	85	89
LCS 880-33157/2-A	Lab Control Sample	178 S1+	177 S1+
LCS 880-33238/2-A	Lab Control Sample	172 S1+	147 S1+
LCSD 880-33157/3-A	Lab Control Sample Dup	189 S1+	185 S1+
LCSD 880-33238/3-A	Lab Control Sample Dup	187 S1+	164 S1+
MB 880-33157/1-A	Method Blank	97	108
MB 880-33238/1-A	Method Blank	120	118

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33081/5-B

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 05:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 05:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 05:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/29/22 15:07	08/31/22 05:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/29/22 15:07	08/31/22 05:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/29/22 15:07	08/31/22 05:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/29/22 15:07	08/31/22 05:58	1
1,4-Difluorobenzene (Surr)	79		70 - 130	08/29/22 15:07	08/31/22 05:58	1

Lab Sample ID: LCS 880-33081/1-B

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1275		mg/Kg		128	70 - 130
Toluene	0.100	0.1309	*+	mg/Kg		131	70 - 130
Ethylbenzene	0.100	0.1267		mg/Kg		127	70 - 130
m-Xylene & p-Xylene	0.200	0.2565		mg/Kg		128	70 - 130
o-Xylene	0.100	0.1439	*+	mg/Kg		144	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-33081/2-B

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33081

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1051		mg/Kg		105	70 - 130	19	35
Toluene	0.100	0.1109		mg/Kg		111	70 - 130	17	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130	18	35
o-Xylene	0.100	0.1207		mg/Kg		121	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-18581-11 MS

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: CS-80 (4')

Prep Type: Total/NA

Prep Batch: 33081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.02536	F1	mg/Kg		25	70 - 130
Toluene	<0.00200	U F1 *+	0.100	0.02845	F1	mg/Kg		28	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18581-11 MS

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: CS-80 (4')

Prep Type: Total/NA

Prep Batch: 33081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.03107	F1	mg/Kg		31	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.201	0.06402	F1	mg/Kg		32	70 - 130
o-Xylene	<0.00200	U F1 *+	0.100	0.03829	F1	mg/Kg		38	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-18581-11 MSD

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: CS-80 (4')

Prep Type: Total/NA

Prep Batch: 33081

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-33321/5-A

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 09:35	08/30/22 16:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 09:35	08/30/22 16:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/30/22 09:35	08/30/22 16:41	1
1,4-Difluorobenzene (Surr)	80		70 - 130	08/30/22 09:35	08/30/22 16:41	1

Lab Sample ID: LCSD 880-33321/2-A

Matrix: Solid

Analysis Batch: 33339

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33321

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	2	35
Toluene	0.100	0.1091		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2167		mg/Kg		108	70 - 130	5	35
o-Xylene	0.100	0.1185		mg/Kg		119	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-33353/5-A

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33353

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 11:43	08/31/22 20:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 11:43	08/31/22 20:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	08/30/22 11:43	08/31/22 20:07	1
1,4-Difluorobenzene (Surr)	82		70 - 130	08/30/22 11:43	08/31/22 20:07	1

Lab Sample ID: LCS 880-33353/1-A

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33353

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1114		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2121		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1197		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-33353/2-A

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33353

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09634		mg/Kg		96	70 - 130	14	35
Toluene	0.100	0.09803		mg/Kg		98	70 - 130	10	35
Ethylbenzene	0.100	0.09504		mg/Kg		95	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1926		mg/Kg		96	70 - 130	10	35
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130	12	35

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

Lab Sample ID: 880-18581-21 MS

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: SW-36 (4')

Prep Type: Total/NA

Prep Batch: 33353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.1065		mg/Kg		105	70 - 130
Toluene	<0.00199	U	0.101	0.1017		mg/Kg		101	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18581-21 MS

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: SW-36 (4')

Prep Type: Total/NA

Prep Batch: 33353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.101	0.09276		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1866		mg/Kg		92	70 - 130
o-Xylene	<0.00199	U	0.101	0.1040		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-18581-21 MSD

Matrix: Solid

Analysis Batch: 33469

Client Sample ID: SW-36 (4')

Prep Type: Total/NA

Prep Batch: 33353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1162		mg/Kg		116	70 - 130	9	35
Toluene	<0.00199	U	0.100	0.1098		mg/Kg		110	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.100	0.1011		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2022		mg/Kg		101	70 - 130	8	35
o-Xylene	<0.00199	U	0.100	0.1134		mg/Kg		113	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-33416/5-A

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33416

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/31/22 09:38	09/01/22 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/31/22 09:38	09/01/22 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/31/22 09:38	09/01/22 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	08/31/22 09:38	09/01/22 11:24	1
1,4-Difluorobenzene (Surr)	80		70 - 130	08/31/22 09:38	09/01/22 11:24	1

Lab Sample ID: LCS 880-33416/1-A

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1121		mg/Kg		112	70 - 130
Toluene	0.100	0.1069		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2296		mg/Kg		115	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33416/1-A

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1276		mg/Kg		128	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-33416/2-A

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33416

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08760		mg/Kg		88	70 - 130	25	35
Toluene	0.100	0.09256		mg/Kg		93	70 - 130	14	35
Ethylbenzene	0.100	0.09249		mg/Kg		92	70 - 130	21	35
m-Xylene & p-Xylene	0.200	0.1860		mg/Kg		93	70 - 130	21	35
o-Xylene	0.100	0.1031		mg/Kg		103	70 - 130	21	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-18581-1 MS

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: CS-70 (4')

Prep Type: Total/NA

Prep Batch: 33416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.08964		mg/Kg		90	70 - 130
Toluene	<0.00201	U	0.0998	0.08837		mg/Kg		89	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.08726		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1744		mg/Kg		87	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09787		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-18581-1 MSD

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: CS-70 (4')

Prep Type: Total/NA

Prep Batch: 33416

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.09556		mg/Kg		96	70 - 130	6	35
Toluene	<0.00201	U	0.0996	0.09620		mg/Kg		97	70 - 130	8	35
Ethylbenzene	<0.00201	U	0.0996	0.09230		mg/Kg		93	70 - 130	6	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1864		mg/Kg		94	70 - 130	7	35
o-Xylene	<0.00201	U	0.0996	0.1024		mg/Kg		103	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18581-1 MSD

Matrix: Solid

Analysis Batch: 33496

Client Sample ID: CS-70 (4')

Prep Type: Total/NA

Prep Batch: 33416

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-33157/1-A

Matrix: Solid

Analysis Batch: 33143

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33157

	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		08/29/22 08:34	08/29/22 10:47	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 08:34	08/29/22 10:47	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 08:34	08/29/22 10:47	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	97		70 - 130				08/29/22 08:34	08/29/22 10:47	1	
o-Terphenyl	108		70 - 130				08/29/22 08:34	08/29/22 10:47	1	

Lab Sample ID: LCS 880-33157/2-A

Matrix: Solid

Analysis Batch: 33143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33157

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1063		mg/Kg		106	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1076		mg/Kg		108	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	178	S1+	70 - 130							
o-Terphenyl	177	S1+	70 - 130							

Lab Sample ID: LCSD 880-33157/3-A

Matrix: Solid

Analysis Batch: 33143

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33157

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	801.1	*1	mg/Kg		80	70 - 130	28	20	
Diesel Range Organics (Over C10-C28)			1000	1131		mg/Kg		113	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	189	S1+	70 - 130									
o-Terphenyl	185	S1+	70 - 130									

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18525-A-1-D MS

Matrix: Solid

Analysis Batch: 33143

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	696.8		mg/Kg		70	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1049		mg/Kg		105	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	81		70 - 130						

Lab Sample ID: 880-18525-A-1-E MSD

Matrix: Solid

Analysis Batch: 33143

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33157

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 *1	998	703.7		mg/Kg		71	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	993.7		mg/Kg		100	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: MB 880-33238/1-A

Matrix: Solid

Analysis Batch: 33141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33238

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		08/29/22 14:10	08/29/22 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/29/22 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/22 14:10	08/29/22 20:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/29/22 14:10	08/29/22 20:42	1
o-Terphenyl	118		70 - 130				08/29/22 14:10	08/29/22 20:42	1

Lab Sample ID: LCS 880-33238/2-A

Matrix: Solid

Analysis Batch: 33141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33238

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	853.3		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	962.9		mg/Kg		96	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33238/2-A

Matrix: Solid

Analysis Batch: 33141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33238

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	147	S1+	70 - 130

Lab Sample ID: LCSD 880-33238/3-A

Matrix: Solid

Analysis Batch: 33141

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33238

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	880.0		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1058		mg/Kg		106	70 - 130	9	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	187	S1+	70 - 130
o-Terphenyl	164	S1+	70 - 130

Lab Sample ID: 880-18581-1 MS

Matrix: Solid

Analysis Batch: 33141

Client Sample ID: CS-70 (4')

Prep Type: Total/NA

Prep Batch: 33238

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	855.8		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1045		mg/Kg		105	70 - 130

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

Lab Sample ID: 880-18581-1 MSD

Matrix: Solid

Analysis Batch: 33141

Client Sample ID: CS-70 (4')

Prep Type: Total/NA

Prep Batch: 33238

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	998	860.8		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1037		mg/Kg		104	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	88		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33231/1-A

Matrix: Solid

Analysis Batch: 33276

Client Sample ID: Method Blank

Prep Type: Soluble

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

Lab Sample ID: LCS 880-33231/2-A

Matrix: Solid

Analysis Batch: 33276

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.1		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-33231/3-A

Matrix: Solid

Analysis Batch: 33276

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	244.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-18581-1 MS

Matrix: Solid

Analysis Batch: 33276

Client Sample ID: CS-70 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	228		249	465.8		mg/Kg		96	90 - 110

Lab Sample ID: 880-18581-1 MSD

Matrix: Solid

Analysis Batch: 33276

Client Sample ID: CS-70 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	228		249	466.1		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-18581-11 MS

Matrix: Solid

Analysis Batch: 33276

Client Sample ID: CS-80 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	141		250	380.5		mg/Kg		96	90 - 110

Lab Sample ID: 880-18581-11 MSD

Matrix: Solid

Analysis Batch: 33276

Client Sample ID: CS-80 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	141		250	380.3		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-33233/1-A

Matrix: Solid

Analysis Batch: 33299

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/29/22 21:08	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-33233/2-A
Matrix: Solid
Analysis Batch: 33299

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-33233/3-A
Matrix: Solid
Analysis Batch: 33299

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	242.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-18581-21 MS
Matrix: Solid
Analysis Batch: 33299

Client Sample ID: SW-36 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	320		251	545.9		mg/Kg		90	90 - 110

Lab Sample ID: 880-18581-21 MSD
Matrix: Solid
Analysis Batch: 33299

Client Sample ID: SW-36 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	320		251	545.4		mg/Kg		90	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 33081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-11	CS-80 (4')	Total/NA	Solid	5035	
880-18581-12	CS-81 (4')	Total/NA	Solid	5035	
880-18581-13	CS-82 (4')	Total/NA	Solid	5035	
880-18581-14	CS-83 (4')	Total/NA	Solid	5035	
880-18581-15	CS-84 (4')	Total/NA	Solid	5035	
880-18581-16	CS-85 (4')	Total/NA	Solid	5035	
880-18581-17	CS-86 (4')	Total/NA	Solid	5035	
880-18581-18	CS-87 (4')	Total/NA	Solid	5035	
880-18581-19	SW-34 (4')	Total/NA	Solid	5035	
880-18581-20	SW-35 (4')	Total/NA	Solid	5035	
MB 880-33081/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-33081/1-B	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33081/2-B	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18581-11 MS	CS-80 (4')	Total/NA	Solid	5035	
880-18581-11 MSD	CS-80 (4')	Total/NA	Solid	5035	

Prep Batch: 33321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-33321/5-A	Method Blank	Total/NA	Solid	5035	
LCSD 880-33321/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 33339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-11	CS-80 (4')	Total/NA	Solid	8021B	33081
880-18581-12	CS-81 (4')	Total/NA	Solid	8021B	33081
880-18581-13	CS-82 (4')	Total/NA	Solid	8021B	33081
880-18581-14	CS-83 (4')	Total/NA	Solid	8021B	33081
880-18581-15	CS-84 (4')	Total/NA	Solid	8021B	33081
880-18581-16	CS-85 (4')	Total/NA	Solid	8021B	33081
880-18581-17	CS-86 (4')	Total/NA	Solid	8021B	33081
880-18581-18	CS-87 (4')	Total/NA	Solid	8021B	33081
880-18581-19	SW-34 (4')	Total/NA	Solid	8021B	33081
880-18581-20	SW-35 (4')	Total/NA	Solid	8021B	33081
MB 880-33081/5-B	Method Blank	Total/NA	Solid	8021B	33081
MB 880-33321/5-A	Method Blank	Total/NA	Solid	8021B	33321
LCS 880-33081/1-B	Lab Control Sample	Total/NA	Solid	8021B	33081
LCSD 880-33081/2-B	Lab Control Sample Dup	Total/NA	Solid	8021B	33081
LCSD 880-33321/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33321
880-18581-11 MS	CS-80 (4')	Total/NA	Solid	8021B	33081
880-18581-11 MSD	CS-80 (4')	Total/NA	Solid	8021B	33081

Prep Batch: 33353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-21	SW-36 (4')	Total/NA	Solid	5035	
MB 880-33353/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33353/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33353/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18581-21 MS	SW-36 (4')	Total/NA	Solid	5035	
880-18581-21 MSD	SW-36 (4')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 33416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Total/NA	Solid	5035	
880-18581-2	CS-71 (4')	Total/NA	Solid	5035	
880-18581-3	CS-72 (4')	Total/NA	Solid	5035	
880-18581-4	CS-73 (4')	Total/NA	Solid	5035	
880-18581-5	CS-74 (4')	Total/NA	Solid	5035	
880-18581-6	CS-75 (4')	Total/NA	Solid	5035	
880-18581-7	CS-76 (4')	Total/NA	Solid	5035	
880-18581-8	CS-77 (4')	Total/NA	Solid	5035	
880-18581-9	CS-78 (4')	Total/NA	Solid	5035	
880-18581-10	CS-79 (4')	Total/NA	Solid	5035	
MB 880-33416/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33416/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33416/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18581-1 MS	CS-70 (4')	Total/NA	Solid	5035	
880-18581-1 MSD	CS-70 (4')	Total/NA	Solid	5035	

Analysis Batch: 33468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Total/NA	Solid	Total BTEX	
880-18581-2	CS-71 (4')	Total/NA	Solid	Total BTEX	
880-18581-3	CS-72 (4')	Total/NA	Solid	Total BTEX	
880-18581-4	CS-73 (4')	Total/NA	Solid	Total BTEX	
880-18581-5	CS-74 (4')	Total/NA	Solid	Total BTEX	
880-18581-6	CS-75 (4')	Total/NA	Solid	Total BTEX	
880-18581-7	CS-76 (4')	Total/NA	Solid	Total BTEX	
880-18581-8	CS-77 (4')	Total/NA	Solid	Total BTEX	
880-18581-9	CS-78 (4')	Total/NA	Solid	Total BTEX	
880-18581-10	CS-79 (4')	Total/NA	Solid	Total BTEX	
880-18581-11	CS-80 (4')	Total/NA	Solid	Total BTEX	
880-18581-12	CS-81 (4')	Total/NA	Solid	Total BTEX	
880-18581-13	CS-82 (4')	Total/NA	Solid	Total BTEX	
880-18581-14	CS-83 (4')	Total/NA	Solid	Total BTEX	
880-18581-15	CS-84 (4')	Total/NA	Solid	Total BTEX	
880-18581-16	CS-85 (4')	Total/NA	Solid	Total BTEX	
880-18581-17	CS-86 (4')	Total/NA	Solid	Total BTEX	
880-18581-18	CS-87 (4')	Total/NA	Solid	Total BTEX	
880-18581-19	SW-34 (4')	Total/NA	Solid	Total BTEX	
880-18581-20	SW-35 (4')	Total/NA	Solid	Total BTEX	
880-18581-21	SW-36 (4')	Total/NA	Solid	Total BTEX	

Analysis Batch: 33469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-21	SW-36 (4')	Total/NA	Solid	8021B	33353
MB 880-33353/5-A	Method Blank	Total/NA	Solid	8021B	33353
LCS 880-33353/1-A	Lab Control Sample	Total/NA	Solid	8021B	33353
LCSD 880-33353/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33353
880-18581-21 MS	SW-36 (4')	Total/NA	Solid	8021B	33353
880-18581-21 MSD	SW-36 (4')	Total/NA	Solid	8021B	33353

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 33496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Total/NA	Solid	8021B	33416
880-18581-2	CS-71 (4')	Total/NA	Solid	8021B	33416
880-18581-3	CS-72 (4')	Total/NA	Solid	8021B	33416
880-18581-4	CS-73 (4')	Total/NA	Solid	8021B	33416
880-18581-5	CS-74 (4')	Total/NA	Solid	8021B	33416
880-18581-6	CS-75 (4')	Total/NA	Solid	8021B	33416
880-18581-7	CS-76 (4')	Total/NA	Solid	8021B	33416
880-18581-8	CS-77 (4')	Total/NA	Solid	8021B	33416
880-18581-9	CS-78 (4')	Total/NA	Solid	8021B	33416
880-18581-10	CS-79 (4')	Total/NA	Solid	8021B	33416
MB 880-33416/5-A	Method Blank	Total/NA	Solid	8021B	33416
LCS 880-33416/1-A	Lab Control Sample	Total/NA	Solid	8021B	33416
LCSD 880-33416/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33416
880-18581-1 MS	CS-70 (4')	Total/NA	Solid	8021B	33416
880-18581-1 MSD	CS-70 (4')	Total/NA	Solid	8021B	33416

GC Semi VOA

Analysis Batch: 33141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Total/NA	Solid	8015B NM	33238
880-18581-2	CS-71 (4')	Total/NA	Solid	8015B NM	33238
880-18581-3	CS-72 (4')	Total/NA	Solid	8015B NM	33238
880-18581-4	CS-73 (4')	Total/NA	Solid	8015B NM	33238
880-18581-5	CS-74 (4')	Total/NA	Solid	8015B NM	33238
880-18581-6	CS-75 (4')	Total/NA	Solid	8015B NM	33238
880-18581-7	CS-76 (4')	Total/NA	Solid	8015B NM	33238
880-18581-8	CS-77 (4')	Total/NA	Solid	8015B NM	33238
880-18581-9	CS-78 (4')	Total/NA	Solid	8015B NM	33238
880-18581-10	CS-79 (4')	Total/NA	Solid	8015B NM	33238
880-18581-11	CS-80 (4')	Total/NA	Solid	8015B NM	33238
880-18581-12	CS-81 (4')	Total/NA	Solid	8015B NM	33238
880-18581-13	CS-82 (4')	Total/NA	Solid	8015B NM	33238
880-18581-14	CS-83 (4')	Total/NA	Solid	8015B NM	33238
880-18581-15	CS-84 (4')	Total/NA	Solid	8015B NM	33238
880-18581-16	CS-85 (4')	Total/NA	Solid	8015B NM	33238
880-18581-17	CS-86 (4')	Total/NA	Solid	8015B NM	33238
880-18581-18	CS-87 (4')	Total/NA	Solid	8015B NM	33238
880-18581-19	SW-34 (4')	Total/NA	Solid	8015B NM	33238
880-18581-20	SW-35 (4')	Total/NA	Solid	8015B NM	33238
MB 880-33238/1-A	Method Blank	Total/NA	Solid	8015B NM	33238
LCS 880-33238/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33238
LCSD 880-33238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33238
880-18581-1 MS	CS-70 (4')	Total/NA	Solid	8015B NM	33238
880-18581-1 MSD	CS-70 (4')	Total/NA	Solid	8015B NM	33238

Analysis Batch: 33143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-21	SW-36 (4')	Total/NA	Solid	8015B NM	33157
MB 880-33157/1-A	Method Blank	Total/NA	Solid	8015B NM	33157
LCS 880-33157/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33157

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33143 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-33157/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33157
880-18525-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	33157
880-18525-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	33157

Prep Batch: 33157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-21	SW-36 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33157/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33157/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33157/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18525-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18525-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 33238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Total/NA	Solid	8015NM Prep	
880-18581-2	CS-71 (4')	Total/NA	Solid	8015NM Prep	
880-18581-3	CS-72 (4')	Total/NA	Solid	8015NM Prep	
880-18581-4	CS-73 (4')	Total/NA	Solid	8015NM Prep	
880-18581-5	CS-74 (4')	Total/NA	Solid	8015NM Prep	
880-18581-6	CS-75 (4')	Total/NA	Solid	8015NM Prep	
880-18581-7	CS-76 (4')	Total/NA	Solid	8015NM Prep	
880-18581-8	CS-77 (4')	Total/NA	Solid	8015NM Prep	
880-18581-9	CS-78 (4')	Total/NA	Solid	8015NM Prep	
880-18581-10	CS-79 (4')	Total/NA	Solid	8015NM Prep	
880-18581-11	CS-80 (4')	Total/NA	Solid	8015NM Prep	
880-18581-12	CS-81 (4')	Total/NA	Solid	8015NM Prep	
880-18581-13	CS-82 (4')	Total/NA	Solid	8015NM Prep	
880-18581-14	CS-83 (4')	Total/NA	Solid	8015NM Prep	
880-18581-15	CS-84 (4')	Total/NA	Solid	8015NM Prep	
880-18581-16	CS-85 (4')	Total/NA	Solid	8015NM Prep	
880-18581-17	CS-86 (4')	Total/NA	Solid	8015NM Prep	
880-18581-18	CS-87 (4')	Total/NA	Solid	8015NM Prep	
880-18581-19	SW-34 (4')	Total/NA	Solid	8015NM Prep	
880-18581-20	SW-35 (4')	Total/NA	Solid	8015NM Prep	
MB 880-33238/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33238/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18581-1 MS	CS-70 (4')	Total/NA	Solid	8015NM Prep	
880-18581-1 MSD	CS-70 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Total/NA	Solid	8015 NM	
880-18581-2	CS-71 (4')	Total/NA	Solid	8015 NM	
880-18581-3	CS-72 (4')	Total/NA	Solid	8015 NM	
880-18581-4	CS-73 (4')	Total/NA	Solid	8015 NM	
880-18581-5	CS-74 (4')	Total/NA	Solid	8015 NM	
880-18581-6	CS-75 (4')	Total/NA	Solid	8015 NM	
880-18581-7	CS-76 (4')	Total/NA	Solid	8015 NM	
880-18581-8	CS-77 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-9	CS-78 (4')	Total/NA	Solid	8015 NM	
880-18581-10	CS-79 (4')	Total/NA	Solid	8015 NM	
880-18581-11	CS-80 (4')	Total/NA	Solid	8015 NM	
880-18581-12	CS-81 (4')	Total/NA	Solid	8015 NM	
880-18581-13	CS-82 (4')	Total/NA	Solid	8015 NM	
880-18581-14	CS-83 (4')	Total/NA	Solid	8015 NM	
880-18581-15	CS-84 (4')	Total/NA	Solid	8015 NM	
880-18581-16	CS-85 (4')	Total/NA	Solid	8015 NM	
880-18581-17	CS-86 (4')	Total/NA	Solid	8015 NM	
880-18581-18	CS-87 (4')	Total/NA	Solid	8015 NM	
880-18581-19	SW-34 (4')	Total/NA	Solid	8015 NM	
880-18581-20	SW-35 (4')	Total/NA	Solid	8015 NM	
880-18581-21	SW-36 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Soluble	Solid	DI Leach	
880-18581-2	CS-71 (4')	Soluble	Solid	DI Leach	
880-18581-3	CS-72 (4')	Soluble	Solid	DI Leach	
880-18581-4	CS-73 (4')	Soluble	Solid	DI Leach	
880-18581-5	CS-74 (4')	Soluble	Solid	DI Leach	
880-18581-6	CS-75 (4')	Soluble	Solid	DI Leach	
880-18581-7	CS-76 (4')	Soluble	Solid	DI Leach	
880-18581-8	CS-77 (4')	Soluble	Solid	DI Leach	
880-18581-9	CS-78 (4')	Soluble	Solid	DI Leach	
880-18581-10	CS-79 (4')	Soluble	Solid	DI Leach	
880-18581-11	CS-80 (4')	Soluble	Solid	DI Leach	
880-18581-12	CS-81 (4')	Soluble	Solid	DI Leach	
880-18581-13	CS-82 (4')	Soluble	Solid	DI Leach	
880-18581-14	CS-83 (4')	Soluble	Solid	DI Leach	
880-18581-15	CS-84 (4')	Soluble	Solid	DI Leach	
880-18581-16	CS-85 (4')	Soluble	Solid	DI Leach	
880-18581-17	CS-86 (4')	Soluble	Solid	DI Leach	
880-18581-18	CS-87 (4')	Soluble	Solid	DI Leach	
880-18581-19	SW-34 (4')	Soluble	Solid	DI Leach	
880-18581-20	SW-35 (4')	Soluble	Solid	DI Leach	
MB 880-33231/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33231/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33231/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18581-1 MS	CS-70 (4')	Soluble	Solid	DI Leach	
880-18581-1 MSD	CS-70 (4')	Soluble	Solid	DI Leach	
880-18581-11 MS	CS-80 (4')	Soluble	Solid	DI Leach	
880-18581-11 MSD	CS-80 (4')	Soluble	Solid	DI Leach	

Leach Batch: 33233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-21	SW-36 (4')	Soluble	Solid	DI Leach	
MB 880-33233/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33233/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 33233 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-33233/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18581-21 MS	SW-36 (4')	Soluble	Solid	DI Leach	
880-18581-21 MSD	SW-36 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 33276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-1	CS-70 (4')	Soluble	Solid	300.0	33231
880-18581-2	CS-71 (4')	Soluble	Solid	300.0	33231
880-18581-3	CS-72 (4')	Soluble	Solid	300.0	33231
880-18581-4	CS-73 (4')	Soluble	Solid	300.0	33231
880-18581-5	CS-74 (4')	Soluble	Solid	300.0	33231
880-18581-6	CS-75 (4')	Soluble	Solid	300.0	33231
880-18581-7	CS-76 (4')	Soluble	Solid	300.0	33231
880-18581-8	CS-77 (4')	Soluble	Solid	300.0	33231
880-18581-9	CS-78 (4')	Soluble	Solid	300.0	33231
880-18581-10	CS-79 (4')	Soluble	Solid	300.0	33231
880-18581-11	CS-80 (4')	Soluble	Solid	300.0	33231
880-18581-12	CS-81 (4')	Soluble	Solid	300.0	33231
880-18581-13	CS-82 (4')	Soluble	Solid	300.0	33231
880-18581-14	CS-83 (4')	Soluble	Solid	300.0	33231
880-18581-15	CS-84 (4')	Soluble	Solid	300.0	33231
880-18581-16	CS-85 (4')	Soluble	Solid	300.0	33231
880-18581-17	CS-86 (4')	Soluble	Solid	300.0	33231
880-18581-18	CS-87 (4')	Soluble	Solid	300.0	33231
880-18581-19	SW-34 (4')	Soluble	Solid	300.0	33231
880-18581-20	SW-35 (4')	Soluble	Solid	300.0	33231
MB 880-33231/1-A	Method Blank	Soluble	Solid	300.0	33231
LCS 880-33231/2-A	Lab Control Sample	Soluble	Solid	300.0	33231
LCSD 880-33231/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33231
880-18581-1 MS	CS-70 (4')	Soluble	Solid	300.0	33231
880-18581-1 MSD	CS-70 (4')	Soluble	Solid	300.0	33231
880-18581-11 MS	CS-80 (4')	Soluble	Solid	300.0	33231
880-18581-11 MSD	CS-80 (4')	Soluble	Solid	300.0	33231

Analysis Batch: 33299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18581-21	SW-36 (4')	Soluble	Solid	300.0	33233
MB 880-33233/1-A	Method Blank	Soluble	Solid	300.0	33233
LCS 880-33233/2-A	Lab Control Sample	Soluble	Solid	300.0	33233
LCSD 880-33233/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33233
880-18581-21 MS	SW-36 (4')	Soluble	Solid	300.0	33233
880-18581-21 MSD	SW-36 (4')	Soluble	Solid	300.0	33233

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-18581-1

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 11:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/29/22 21:46	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 01:21	CH	EET MID

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-18581-2

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 12:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/29/22 22:51	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 01:41	CH	EET MID

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-18581-3

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 12:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/29/22 23:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 01:48	CH	EET MID

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-18581-4

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 13:07	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-18581-4

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/29/22 23:34	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 01:54	CH	EET MID

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-18581-5

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 13:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/29/22 23:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:01	CH	EET MID

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-18581-6

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 13:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 00:17	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:21	CH	EET MID

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-18581-7

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 14:24	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 00:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-18581-7

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:28	CH	EET MID

Client Sample ID: CS-77 (4')

Lab Sample ID: 880-18581-8

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 14:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 00:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:34	CH	EET MID

Client Sample ID: CS-78 (4')

Lab Sample ID: 880-18581-9

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 15:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 01:20	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:41	CH	EET MID

Client Sample ID: CS-79 (4')

Lab Sample ID: 880-18581-10

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33416	08/31/22 09:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33496	09/01/22 17:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 01:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:48	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-80 (4')

Lab Sample ID: 880-18581-11

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 06:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 02:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 02:54	CH	EET MID

Client Sample ID: CS-81 (4')

Lab Sample ID: 880-18581-12

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 06:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 02:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 03:14	CH	EET MID

Client Sample ID: CS-82 (4')

Lab Sample ID: 880-18581-13

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 07:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 03:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 03:21	CH	EET MID

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18581-14

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 07:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-83 (4')

Lab Sample ID: 880-18581-14

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 03:27	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 03:41	CH	EET MID

Client Sample ID: CS-84 (4')

Lab Sample ID: 880-18581-15

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 08:27	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 03:48	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 03:48	CH	EET MID

Client Sample ID: CS-85 (4')

Lab Sample ID: 880-18581-16

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 08:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 04:10	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 03:54	CH	EET MID

Client Sample ID: CS-86 (4')

Lab Sample ID: 880-18581-17

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 09:18	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 04:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: CS-86 (4')

Lab Sample ID: 880-18581-17

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 04:01	CH	EET MID

Client Sample ID: CS-87 (4')

Lab Sample ID: 880-18581-18

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 09:44	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 04:52	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 04:08	CH	EET MID

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-18581-19

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 10:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 05:13	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 04:14	CH	EET MID

Client Sample ID: SW-35 (4')

Lab Sample ID: 880-18581-20

Date Collected: 08/26/22 00:00

Matrix: Solid

Date Received: 08/29/22 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	33081	08/29/22 15:07	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33339	08/31/22 10:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33238	08/29/22 14:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33141	08/30/22 05:34	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33231	08/29/22 12:48	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33276	08/30/22 04:21	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Client Sample ID: SW-36 (4')
Date Collected: 08/26/22 00:00
Date Received: 08/29/22 08:40

Lab Sample ID: 880-18581-21
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	33353	08/30/22 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33469	08/31/22 20:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33468	08/31/22 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			33317	08/30/22 09:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33157	08/29/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33143	08/29/22 19:59	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33233	08/29/22 13:10	SMC	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	33299	08/29/22 21:28	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Method Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18581-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18581-1	CS-70 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-2	CS-71 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-3	CS-72 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-4	CS-73 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-5	CS-74 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-6	CS-75 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-7	CS-76 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-8	CS-77 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-9	CS-78 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-10	CS-79 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-11	CS-80 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-12	CS-81 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-13	CS-82 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-14	CS-83 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-15	CS-84 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-16	CS-85 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-17	CS-86 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-18	CS-87 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-19	SW-34 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-20	SW-35 (4')	Solid	08/26/22 00:00	08/29/22 08:40
880-18581-21	SW-36 (4')	Solid	08/26/22 00:00	08/29/22 08:40

Work Order No: 18581

Page 1 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Perminan
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone:	432-813-6823	Email	joseph.vargo@naglep.com

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

Project Name	Moutray SMD	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes		
Project Number	1009																	None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM	Due Date	24 Hrs															Cool Cool	MeOH Me	
Sampler's Name	CCM/DS	TAT starts the day received by the lab if received by 4:30pm																HCL, HC	HNO ₃ HN	
PO #																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes (No)	Well Ice	Yes (No)														H ₃ PO ₄ HP		
Received In tact	(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	
CS-70 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-71 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-72 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-73 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-74 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-75 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-76 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-77 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-78 (4)	8/26/2022		X		Comp	1	X	X	X											
CS-79 (4)	8/26/2022		X		Comp	1	X	X	X											

Comments:



Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Daniel Sparks

8/29/22

[Signature]

[Blank]

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Work Order No: 18581

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Project Manager	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Perminan
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	432-813-6823	Email	joseph.vargo@nlepd.com

Work Order Comments			
Program:	UST/PST ☐ PRF ☐ Brownfield ☐ RR ☐ Superfund ☐		
State of Project:			
Reporting Level II ☐	Level III ☐	PST/UST ☐	TRRF ☐
Level IV ☐			
Deliverables	EDD ☐	ADAPT ☐	Other ☐

Project Name		Moutray SWD		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs		None NO	DI Water- H ₂ O												
Project Location	Eddy Co. NM					Cool Cool	MeOH Me													
Sampler's Name	CCM/DS			TAT starts the day received by the lab, if received by 4:30pm		HCL HC	HNO ₃ HN													
PO #:						H ₂ SO ₄ H ₂	NaOH Na													
SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice	Yes No		H ₃ PO ₄ HP														
	Received Intact:	Yes No	Thermometer ID			NaHSO ₄ NABIS														
	Cooler Custody Seals	Yes No N/A	Correction Factor			Na ₂ S ₂ O ₃ NaSO ₃														
	Sample Custody Seals.	Yes No N/A	Temperature Reading			Zn Acetate+NaOH Zn														
	Total Containers		Corrected Temperature			NaOH+Ascorbic Acid SAPC														
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
CS-80 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-81 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-82 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-83 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-84 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-85 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-86 (4)		8/26/2022		X		Comp	1	X	X	X										
CS-87 (4)		8/26/2022		X		Comp	1	X	X	X										
SW-34 (4)		8/26/2022		X		Comp	1	X	X	X										
SW-35 (4)		8/26/2022		X		Comp	1	X	X	X										

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
Daniel Sparks		8/29/22	[Signature]		
		8:40			

Page 3 of 3

Work Order Comments

Program: ☐ UST/PST ☐ PRF ☐ Brownfield ☐ RR ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRF ☐ Level I ☐

Deliverables EDD ☐ ADAPT ☐ Other ☐

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18581-1

SDG Number: Eddy Co, NM

Login Number: 18581

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18635-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Moutray SWD

For:

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

Attn: Conner Moehring

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

Authorized for release by:

9/5/2022 8:40:35 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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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: Moutray SWD

Laboratory Job ID: 880-18635-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Job ID: 880-18635-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-18635-1****Receipt**

The samples were received on 8/30/2022 8:55 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 1.3°C

GC VOA

Method 8021B: The LCS was biased low for m,p xylenes, however since the LCSD and RPD was acceptable the data was qualified and reported.(LCS 880-33384/1-A)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33384 and analytical batch 880-33694 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (880-18635-A-1-C MS) and (880-18635-A-1-B MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-33346 and analytical batch 880-33311 were outside control limits. Non-homogeneity is 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 880-33313/2-A) and (LCSD 880-33313/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-33313 and analytical batch 880-33403 was outside control limits. Sample non-homogeneity is suspected.

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 880-33237 and analytical batch 880-33366 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: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-88 (2')

Lab Sample ID: 880-18635-1

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 16:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 16:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 16:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/30/22 14:27	09/03/22 16:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 16:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/30/22 14:27	09/03/22 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	08/30/22 14:27	09/03/22 16:41	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/30/22 14:27	09/03/22 16:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/30/22 21:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		08/30/22 10:59	08/30/22 21:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 21:53	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/30/22 10:59	08/30/22 21:53	1
o-Terphenyl	72		70 - 130	08/30/22 10:59	08/30/22 21:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.5		5.03		mg/Kg			08/31/22 06:17	1

Client Sample ID: CS-89 (2')

Lab Sample ID: 880-18635-2

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 17:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 17:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 17:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/03/22 17:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 17:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/03/22 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	08/30/22 14:27	09/03/22 17:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/30/22 14:27	09/03/22 17:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-89 (2')

Lab Sample ID: 880-18635-2

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/30/22 22:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 22:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 22:56	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/30/22 10:59	08/30/22 22:56	1
o-Terphenyl	99		70 - 130	08/30/22 10:59	08/30/22 22:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		5.00		mg/Kg			08/31/22 08:07	1

Client Sample ID: CS-90 (2')

Lab Sample ID: 880-18635-3

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 18:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 18:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 18:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/22 14:27	09/03/22 18:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 18:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/22 14:27	09/03/22 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	08/30/22 14:27	09/03/22 18:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/30/22 14:27	09/03/22 18:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/30/22 23:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-90 (2')

Lab Sample ID: 880-18635-3

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/30/22 23:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/30/22 23:16	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/30/22 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				08/30/22 10:59	08/30/22 23:16	1
o-Terphenyl	88		70 - 130				08/30/22 10:59	08/30/22 23:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		5.02		mg/Kg			08/31/22 08:28	1

Client Sample ID: CS-91 (2')

Lab Sample ID: 880-18635-4

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 19:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 19:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 19:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/30/22 14:27	09/03/22 19:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 19:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/30/22 14:27	09/03/22 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/30/22 14:27	09/03/22 19:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/22 14:27	09/03/22 19:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/30/22 23:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 23:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 23:37	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/30/22 10:59	08/30/22 23:37	1
o-Terphenyl	82		70 - 130				08/30/22 10:59	08/30/22 23:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-91 (2')

Lab Sample ID: 880-18635-4

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		4.97		mg/Kg			08/31/22 08:35	1

Client Sample ID: CS-92 (2')

Lab Sample ID: 880-18635-5

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 19:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/03/22 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 19:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/03/22 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	08/30/22 14:27	09/03/22 19:26	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/30/22 14:27	09/03/22 19:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/30/22 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 23:57	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/30/22 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	08/30/22 10:59	08/30/22 23:57	1
o-Terphenyl	93		70 - 130	08/30/22 10:59	08/30/22 23:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		4.96		mg/Kg			08/31/22 08:42	1

Client Sample ID: CS-93 (2')

Lab Sample ID: 880-18635-6

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 19:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 19:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-93 (2')

Lab Sample ID: 880-18635-6

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 19:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/03/22 19:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 19:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/03/22 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				08/30/22 14:27	09/03/22 19:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/30/22 14:27	09/03/22 19:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 00:18	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				08/30/22 10:59	08/31/22 00:18	1
o-Terphenyl	76		70 - 130				08/30/22 10:59	08/31/22 00:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		4.95		mg/Kg			08/31/22 08:50	1

Client Sample ID: CS-94 (2')

Lab Sample ID: 880-18635-7

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 20:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/03/22 20:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 20:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/03/22 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				08/30/22 14:27	09/03/22 20:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/22 14:27	09/03/22 20:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-94 (2')

Lab Sample ID: 880-18635-7

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 00:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 00:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 00:38	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	08/30/22 10:59	08/31/22 00:38	1
o-Terphenyl	78		70 - 130	08/30/22 10:59	08/31/22 00:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.01		mg/Kg			08/31/22 09:11	1

Client Sample ID: CS-95 (2')

Lab Sample ID: 880-18635-8

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/03/22 20:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/03/22 20:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/03/22 20:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 14:27	09/03/22 20:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/03/22 20:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 14:27	09/03/22 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	08/30/22 14:27	09/03/22 20:41	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/30/22 14:27	09/03/22 20:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 00:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-95 (2')

Lab Sample ID: 880-18635-8

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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)	<49.8	U	49.8		mg/Kg		08/30/22 10:59	08/31/22 00:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 10:59	08/31/22 00:59	1
Total TPH	<49.8	U	49.8		mg/Kg		08/30/22 10:59	08/31/22 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/30/22 10:59	08/31/22 00:59	1
o-Terphenyl	85		70 - 130				08/30/22 10:59	08/31/22 00:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.02		mg/Kg			08/31/22 09:18	1

Client Sample ID: CS-96 (2')

Lab Sample ID: 880-18635-9

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 21:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 21:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 21:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/30/22 14:27	09/03/22 21:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/03/22 21:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/30/22 14:27	09/03/22 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				08/30/22 14:27	09/03/22 21:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/22 14:27	09/03/22 21:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 01:20	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/30/22 10:59	08/31/22 01:20	1
o-Terphenyl	89		70 - 130				08/30/22 10:59	08/31/22 01:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-96 (2')

Lab Sample ID: 880-18635-9

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		5.04		mg/Kg			08/31/22 09:25	1

Client Sample ID: CS-97 (1.5')

Lab Sample ID: 880-18635-10

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 21:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 21:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 21:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/03/22 21:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/03/22 21:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/03/22 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/30/22 14:27	09/03/22 21:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/30/22 14:27	09/03/22 21:31	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			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 01:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 01:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 01:40	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/30/22 10:59	08/31/22 01:40	1
o-Terphenyl	86		70 - 130	08/30/22 10:59	08/31/22 01:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		4.99		mg/Kg			08/31/22 09:32	1

Client Sample ID: CS-98 (1.5')

Lab Sample ID: 880-18635-11

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 23:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 23:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-98 (1.5')

Lab Sample ID: 880-18635-11

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 23:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/03/22 23:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 23:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/03/22 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				08/30/22 14:27	09/03/22 23:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130				08/30/22 14:27	09/03/22 23:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 02:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 02:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 02:22	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/30/22 10:59	08/31/22 02:22	1
o-Terphenyl	92		70 - 130				08/30/22 10:59	08/31/22 02:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		5.01		mg/Kg			08/31/22 09:40	1

Client Sample ID: CS-99 (1.5')

Lab Sample ID: 880-18635-12

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 23:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 23:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 23:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/30/22 14:27	09/03/22 23:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/30/22 14:27	09/03/22 23:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/30/22 14:27	09/03/22 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				08/30/22 14:27	09/03/22 23:37	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/30/22 14:27	09/03/22 23:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-99 (1.5')

Lab Sample ID: 880-18635-12

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 02:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 02:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 02:43	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	08/30/22 10:59	08/31/22 02:43	1
o-Terphenyl	88		70 - 130	08/30/22 10:59	08/31/22 02:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		5.00		mg/Kg			08/31/22 09:47	1

Client Sample ID: CS-100 (1.5')

Lab Sample ID: 880-18635-13

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 00:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 00:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 00:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 14:27	09/04/22 00:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 00:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 14:27	09/04/22 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	08/30/22 14:27	09/04/22 00:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/30/22 14:27	09/04/22 00:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 03:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-100 (1.5')

Lab Sample ID: 880-18635-13

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 03:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 03:04	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				08/30/22 10:59	08/31/22 03:04	1
o-Terphenyl	90		70 - 130				08/30/22 10:59	08/31/22 03:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		5.03		mg/Kg			08/31/22 10:08	1

Client Sample ID: CS-101 (1.5')

Lab Sample ID: 880-18635-14

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 00:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 00:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 00:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/04/22 00:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 00:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/04/22 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				08/30/22 14:27	09/04/22 00:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/30/22 14:27	09/04/22 00:27	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			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 03:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 03:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 03:25	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/30/22 10:59	08/31/22 03:25	1
o-Terphenyl	101		70 - 130				08/30/22 10:59	08/31/22 03:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-101 (1.5')

Lab Sample ID: 880-18635-14

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		4.96		mg/Kg			08/31/22 10:15	1

Client Sample ID: CS-102 (1.5')

Lab Sample ID: 880-18635-15

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 00:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 00:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 00:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/04/22 00:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 00:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/04/22 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/30/22 14:27	09/04/22 00:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/30/22 14:27	09/04/22 00:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 03:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 03:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 03:46	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	08/30/22 10:59	08/31/22 03:46	1
o-Terphenyl	92		70 - 130	08/30/22 10:59	08/31/22 03:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.98		mg/Kg			08/31/22 10:37	1

Client Sample ID: CS-103 (1.5')

Lab Sample ID: 880-18635-16

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-103 (1.5')

Lab Sample ID: 880-18635-16

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/30/22 14:27	09/04/22 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/30/22 14:27	09/04/22 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				08/30/22 14:27	09/04/22 01:17	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/30/22 14:27	09/04/22 01:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 04:06	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/30/22 10:59	08/31/22 04:06	1
o-Terphenyl	98		70 - 130				08/30/22 10:59	08/31/22 04:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		4.98		mg/Kg			08/31/22 10:44	1

Client Sample ID: CS-104 (1.5')

Lab Sample ID: 880-18635-17

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/04/22 01:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/04/22 01:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 14:27	09/04/22 01:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				08/30/22 14:27	09/04/22 01:42	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/30/22 14:27	09/04/22 01:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-104 (1.5')

Lab Sample ID: 880-18635-17

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 04:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 04:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 04:27	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/31/22 04:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	08/30/22 10:59	08/31/22 04:27	1
o-Terphenyl	91		70 - 130	08/30/22 10:59	08/31/22 04:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.02		mg/Kg			08/31/22 10:51	1

Client Sample ID: SW-37 (2')

Lab Sample ID: 880-18635-18

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 02:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 02:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 02:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/30/22 14:27	09/04/22 02:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 14:27	09/04/22 02:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 14:27	09/04/22 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	08/30/22 14:27	09/04/22 02:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/30/22 14:27	09/04/22 02:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 04:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-37 (2')

Lab Sample ID: 880-18635-18

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 04:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 04:48	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				08/30/22 10:59	08/31/22 04:48	1
o-Terphenyl	80		70 - 130				08/30/22 10:59	08/31/22 04:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		4.99		mg/Kg			08/31/22 10:58	1

Client Sample ID: SW-38 (2')

Lab Sample ID: 880-18635-19

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/04/22 02:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/04/22 02:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/04/22 02:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/30/22 14:27	09/04/22 02:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 14:27	09/04/22 02:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/30/22 14:27	09/04/22 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				08/30/22 14:27	09/04/22 02:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/30/22 14:27	09/04/22 02:32	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			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 05:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/22 10:59	08/31/22 05:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 10:59	08/31/22 05:09	1
Total TPH	<49.8	U	49.8		mg/Kg		08/30/22 10:59	08/31/22 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/30/22 10:59	08/31/22 05:09	1
o-Terphenyl	86		70 - 130				08/30/22 10:59	08/31/22 05:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-38 (2')

Lab Sample ID: 880-18635-19

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		4.98		mg/Kg			08/31/22 11:05	1

Client Sample ID: SW-39 (2')

Lab Sample ID: 880-18635-20

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 02:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 02:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 02:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/04/22 02:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 14:27	09/04/22 02:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 14:27	09/04/22 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	08/30/22 14:27	09/04/22 02:58	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/30/22 14:27	09/04/22 02:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 10:59	08/31/22 05:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 05:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 05:30	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 10:59	08/31/22 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/30/22 10:59	08/31/22 05:30	1
o-Terphenyl	83		70 - 130	08/30/22 10:59	08/31/22 05:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	301		5.00		mg/Kg			08/31/22 11:12	1

Client Sample ID: SW-40 (2')

Lab Sample ID: 880-18635-21

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/30/22 15:53	09/04/22 17:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/30/22 15:53	09/04/22 17:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-40 (2')

Lab Sample ID: 880-18635-21

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/30/22 15:53	09/04/22 17:01	1
m-Xylene & p-Xylene	<0.00404	U *- F1	0.00404		mg/Kg		08/30/22 15:53	09/04/22 17:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/30/22 15:53	09/04/22 17:01	1
Xylenes, Total	<0.00404	U F1	0.00404		mg/Kg		08/30/22 15:53	09/04/22 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/30/22 15:53	09/04/22 17:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130				08/30/22 15:53	09/04/22 17:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 09:23	08/31/22 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 17:39	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/30/22 09:23	08/31/22 17:39	1
o-Terphenyl	90		70 - 130				08/30/22 09:23	08/31/22 17:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.00		mg/Kg			08/31/22 11:20	1

Client Sample ID: SW-41 (1.5')

Lab Sample ID: 880-18635-22

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 17:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 17:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 17:21	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		08/30/22 15:53	09/04/22 17:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 17:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 15:53	09/04/22 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				08/30/22 15:53	09/04/22 17:21	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/30/22 15:53	09/04/22 17:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-41 (1.5')

Lab Sample ID: 880-18635-22

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 09:23	08/31/22 18:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 09:23	08/31/22 18:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 09:23	08/31/22 18:00	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 09:23	08/31/22 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/30/22 09:23	08/31/22 18:00	1
o-Terphenyl	99		70 - 130	08/30/22 09:23	08/31/22 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		4.97		mg/Kg			08/31/22 10:08	1

Client Sample ID: SW-42 (1.5')

Lab Sample ID: 880-18635-23

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 17:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 17:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 17:42	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		08/30/22 15:53	09/04/22 17:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 17:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/30/22 15:53	09/04/22 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/30/22 15:53	09/04/22 17:42	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/30/22 15:53	09/04/22 17:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 09:23	08/31/22 18:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-42 (1.5')

Lab Sample ID: 880-18635-23

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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)	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 18:22	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/30/22 09:23	08/31/22 18:22	1
o-Terphenyl	105		70 - 130				08/30/22 09:23	08/31/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		4.99		mg/Kg			08/31/22 10:17	1

Client Sample ID: SW-43 (1.5')

Lab Sample ID: 880-18635-24

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/30/22 15:53	09/04/22 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/30/22 15:53	09/04/22 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/30/22 15:53	09/04/22 18:02	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		08/30/22 15:53	09/04/22 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/30/22 15:53	09/04/22 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/30/22 15:53	09/04/22 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/30/22 15:53	09/04/22 18:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/30/22 15:53	09/04/22 18:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 09:23	08/31/22 18:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/30/22 09:23	08/31/22 18:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/30/22 09:23	08/31/22 18:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/30/22 09:23	08/31/22 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/30/22 09:23	08/31/22 18:43	1
o-Terphenyl	96		70 - 130				08/30/22 09:23	08/31/22 18:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-43 (1.5')

Lab Sample ID: 880-18635-24

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		4.99		mg/Kg			08/31/22 10:45	1

Client Sample ID: SW-44 (1.5')

Lab Sample ID: 880-18635-25

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 18:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 18:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 18:23	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		08/30/22 15:53	09/04/22 18:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/30/22 15:53	09/04/22 18:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/30/22 15:53	09/04/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/30/22 15:53	09/04/22 18:23	1
1,4-Difluorobenzene (Surr)	108		70 - 130				08/30/22 15:53	09/04/22 18:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/22 20:25	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			08/31/22 09:59	1

Method: 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		08/30/22 09:23	08/31/22 19:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/30/22 09:23	08/31/22 19:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/30/22 09:23	08/31/22 19:05	1
Total TPH	<49.8	U	49.8		mg/Kg		08/30/22 09:23	08/31/22 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/30/22 09:23	08/31/22 19:05	1
o-Terphenyl	91		70 - 130				08/30/22 09:23	08/31/22 19:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.00		mg/Kg			08/31/22 10:54	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-18635-1	CS-88 (2')	132 S1+	83
880-18635-1 MS	CS-88 (2')	144 S1+	103
880-18635-1 MSD	CS-88 (2')	131 S1+	103
880-18635-2	CS-89 (2')	129	100
880-18635-3	CS-90 (2')	130	98
880-18635-4	CS-91 (2')	125	99
880-18635-5	CS-92 (2')	124	95
880-18635-6	CS-93 (2')	130	99
880-18635-7	CS-94 (2')	130	102
880-18635-8	CS-95 (2')	129	104
880-18635-9	CS-96 (2')	133 S1+	100
880-18635-10	CS-97 (1.5')	137 S1+	101
880-18635-11	CS-98 (1.5')	140 S1+	86
880-18635-12	CS-99 (1.5')	133 S1+	113
880-18635-13	CS-100 (1.5')	133 S1+	101
880-18635-14	CS-101 (1.5')	136 S1+	102
880-18635-15	CS-102 (1.5')	127	99
880-18635-16	CS-103 (1.5')	146 S1+	105
880-18635-17	CS-104 (1.5')	130	103
880-18635-18	SW-37 (2')	126	97
880-18635-19	SW-38 (2')	129	100
880-18635-20	SW-39 (2')	144 S1+	108
880-18635-21	SW-40 (2')	89	108
880-18635-21 MS	SW-40 (2')	91	107
880-18635-21 MSD	SW-40 (2')	90	108
880-18635-22	SW-41 (1.5')	92	104
880-18635-23	SW-42 (1.5')	92	109
880-18635-24	SW-43 (1.5')	89	107
880-18635-25	SW-44 (1.5')	91	108
LCS 880-33373/1-A	Lab Control Sample	127	93
LCS 880-33384/1-A	Lab Control Sample	86	108
LCSD 880-33373/2-A	Lab Control Sample Dup	133 S1+	100
LCSD 880-33384/2-A	Lab Control Sample Dup	87	102
MB 880-33373/5-A	Method Blank	49513 S1+	46069 S1+
MB 880-33384/5-A	Method Blank	78	121
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-18635-1	CS-88 (2')	75	72
880-18635-1 MS	CS-88 (2')	72	65 S1-
880-18635-1 MSD	CS-88 (2')	72	66 S1-
880-18635-2	CS-89 (2')	98	99

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18635-1

Project/Site: Moutray SWD

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)
880-18635-3	CS-90 (2')	85	88
880-18635-4	CS-91 (2')	81	82
880-18635-5	CS-92 (2')	93	93
880-18635-6	CS-93 (2')	80	76
880-18635-7	CS-94 (2')	81	78
880-18635-8	CS-95 (2')	83	85
880-18635-9	CS-96 (2')	84	89
880-18635-10	CS-97 (1.5')	82	86
880-18635-11	CS-98 (1.5')	93	92
880-18635-12	CS-99 (1.5')	84	88
880-18635-13	CS-100 (1.5')	87	90
880-18635-14	CS-101 (1.5')	97	101
880-18635-15	CS-102 (1.5')	88	92
880-18635-16	CS-103 (1.5')	93	98
880-18635-17	CS-104 (1.5')	87	91
880-18635-18	SW-37 (2')	80	80
880-18635-19	SW-38 (2')	82	86
880-18635-20	SW-39 (2')	82	83
880-18635-21	SW-40 (2')	95	90
880-18635-22	SW-41 (1.5')	102	99
880-18635-23	SW-42 (1.5')	108	105
880-18635-24	SW-43 (1.5')	97	96
880-18635-25	SW-44 (1.5')	95	91
890-2851-A-1-B MS	Matrix Spike	95	91
890-2851-A-1-C MSD	Matrix Spike Duplicate	97	81
LCS 880-33313/2-A	Lab Control Sample	134 S1+	145 S1+
LCS 880-33346/2-A	Lab Control Sample	105	116
LCSD 880-33313/3-A	Lab Control Sample Dup	135 S1+	148 S1+
LCSD 880-33346/3-A	Lab Control Sample Dup	98	107
MB 880-33313/1-A	Method Blank	119	118
MB 880-33346/1-A	Method Blank	87	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33373/5-A

Matrix: Solid

Analysis Batch: 33696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33373

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 16:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 14:27	09/03/22 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 14:27	09/03/22 16:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 14:27	09/03/22 16:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	49513	S1+	70 - 130	08/30/22 14:27	09/03/22 16:16	1
1,4-Difluorobenzene (Surr)	46069	S1+	70 - 130	08/30/22 14:27	09/03/22 16:16	1

Lab Sample ID: LCS 880-33373/1-A

Matrix: Solid

Analysis Batch: 33696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33373

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09344		mg/Kg		93	70 - 130
Toluene	0.100	0.09794		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09155		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1857		mg/Kg		93	70 - 130
o-Xylene	0.100	0.1071		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-33373/2-A

Matrix: Solid

Analysis Batch: 33696

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33373

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1116		mg/Kg		112	70 - 130	18	35
Toluene	0.100	0.1139		mg/Kg		114	70 - 130	15	35
Ethylbenzene	0.100	0.1074		mg/Kg		107	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.2175		mg/Kg		109	70 - 130	16	35
o-Xylene	0.100	0.1234		mg/Kg		123	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-18635-1 MS

Matrix: Solid

Analysis Batch: 33696

Client Sample ID: CS-88 (2')

Prep Type: Total/NA

Prep Batch: 33373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08689		mg/Kg		87	70 - 130
Toluene	<0.00202	U	0.100	0.08752		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18635-1 MS

Matrix: Solid

Analysis Batch: 33696

Client Sample ID: CS-88 (2')

Prep Type: Total/NA

Prep Batch: 33373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.08207		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1621		mg/Kg		81	70 - 130
o-Xylene	<0.00202	U	0.100	0.09211		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-18635-1 MSD

Matrix: Solid

Analysis Batch: 33696

Client Sample ID: CS-88 (2')

Prep Type: Total/NA

Prep Batch: 33373

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0998	0.09247		mg/Kg		93	70 - 130	6	35
Toluene	<0.00202	U	0.0998	0.09297		mg/Kg		93	70 - 130	6	35
Ethylbenzene	<0.00202	U	0.0998	0.08644		mg/Kg		87	70 - 130	5	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1711		mg/Kg		86	70 - 130	5	35
o-Xylene	<0.00202	U	0.0998	0.09735		mg/Kg		98	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-33384/5-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/30/22 15:53	09/04/22 16:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/30/22 15:53	09/04/22 16:32	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/30/22 15:53	09/04/22 16:32	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/30/22 15:53	09/04/22 16:32	1

Lab Sample ID: LCS 880-33384/1-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09116		mg/Kg		91	70 - 130
Toluene	0.100	0.08064		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.07570		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1380	*-	mg/Kg		69	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33384/1-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.07529		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-33384/2-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33384

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1015		mg/Kg		101	70 - 130	11	35
Toluene	0.100	0.09243		mg/Kg		92	70 - 130	14	35
Ethylbenzene	0.100	0.08669		mg/Kg		87	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.1576		mg/Kg		79	70 - 130	13	35
o-Xylene	0.100	0.08450		mg/Kg		85	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-18635-21 MS

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: SW-40 (2')

Prep Type: Total/NA

Prep Batch: 33384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0998	0.08657		mg/Kg		87	70 - 130
Toluene	<0.00202	U	0.0998	0.08047		mg/Kg		80	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.07483		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00404	U *- F1	0.200	0.1334	F1	mg/Kg		67	70 - 130
o-Xylene	<0.00202	U	0.0998	0.07087		mg/Kg		71	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-18635-21 MSD

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: SW-40 (2')

Prep Type: Total/NA

Prep Batch: 33384

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08976		mg/Kg		89	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.08288		mg/Kg		82	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.07603		mg/Kg		76	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U *- F1	0.201	0.1352	F1	mg/Kg		67	70 - 130	1	35
o-Xylene	<0.00202	U	0.100	0.07258		mg/Kg		72	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-18635-21 MSD

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: SW-40 (2')

Prep Type: Total/NA

Prep Batch: 33384

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-33313/1-A

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33313

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 10:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 10:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 10:04	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 09:23	08/31/22 10:04	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
1-Chlorooctane	119		70 - 130	08/30/22 09:23	08/31/22 10:04	1
o-Terphenyl	118		70 - 130	08/30/22 09:23	08/31/22 10:04	1

Lab Sample ID: LCS 880-33313/2-A

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33313

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	874.8		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	903.2		mg/Kg		90	70 - 130

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	145	S1+	70 - 130

Lab Sample ID: LCSD 880-33313/3-A

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33313

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD
Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	1000	863.6		mg/Kg		86	70 - 130	1 20
Diesel Range Organics (Over C10-C28)	1000	932.4		mg/Kg		93	70 - 130	3 20

Surrogate	LCSD	LCSD	Limits
%Recovery	Qualifier		
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	148	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-2851-A-1-B MS

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33313

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	999	1040		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1146		mg/Kg		115	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: 890-2851-A-1-C MSD

Matrix: Solid

Analysis Batch: 33403

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 33313

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	998	835.6	F2	mg/Kg		84	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1020		mg/Kg		102	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-33346/1-A

Matrix: Solid

Analysis Batch: 33311

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33346

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		08/30/22 10:59	08/30/22 20:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/30/22 20:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/30/22 20:50	1
Total TPH	<50.0	U	50.0		mg/Kg		08/30/22 10:59	08/30/22 20:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				08/30/22 10:59	08/30/22 20:50	1
o-Terphenyl	96		70 - 130				08/30/22 10:59	08/30/22 20:50	1

Lab Sample ID: LCS 880-33346/2-A

Matrix: Solid

Analysis Batch: 33311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	987.3		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1056		mg/Kg		106	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-33346/2-A

Matrix: Solid

Analysis Batch: 33311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33346

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-33346/3-A

Matrix: Solid

Analysis Batch: 33311

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33346

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	859.7		mg/Kg		86	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	910.4		mg/Kg		91	70 - 130	15	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-18635-1 MS

Matrix: Solid

Analysis Batch: 33311

Client Sample ID: CS-88 (2')

Prep Type: Total/NA

Prep Batch: 33346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	933.5		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	600.6	F1	mg/Kg		60	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: 880-18635-1 MSD

Matrix: Solid

Analysis Batch: 33311

Client Sample ID: CS-88 (2')

Prep Type: Total/NA

Prep Batch: 33346

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	66	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33325/1-A

Matrix: Solid

Analysis Batch: 33365

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/31/22 01:41	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-33325/2-A

Matrix: Solid

Analysis Batch: 33365

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-33325/3-A

Matrix: Solid

Analysis Batch: 33365

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	252.0		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-18634-A-11-B MS

Matrix: Solid

Analysis Batch: 33365

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	10.3		249	277.7		mg/Kg		108	90 - 110

Lab Sample ID: 880-18634-A-11-C MSD

Matrix: Solid

Analysis Batch: 33365

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	10.3		249	278.2		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-33237/1-A

Matrix: Solid

Analysis Batch: 33366

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/31/22 07:03	1

Lab Sample ID: LCS 880-33237/2-A

Matrix: Solid

Analysis Batch: 33366

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.8		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-33237/3-A

Matrix: Solid

Analysis Batch: 33366

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.4		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-18628-A-41-C MS

Matrix: Solid

Analysis Batch: 33366

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	20.0	F1	251	299.5	F1	mg/Kg		112	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18628-A-41-D MSD

Matrix: Solid

Analysis Batch: 33366

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	20.0	F1	251	288.2		mg/Kg		107	90 - 110	4	20

Lab Sample ID: MB 880-33326/1-A

Matrix: Solid

Analysis Batch: 33370

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/31/22 07:47	1

Lab Sample ID: LCS 880-33326/2-A

Matrix: Solid

Analysis Batch: 33370

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-33326/3-A

Matrix: Solid

Analysis Batch: 33370

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	248.0		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-18635-2 MS

Matrix: Solid

Analysis Batch: 33370

Client Sample ID: CS-89 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	192		250	449.9		mg/Kg		103	90 - 110

Lab Sample ID: 880-18635-2 MSD

Matrix: Solid

Analysis Batch: 33370

Client Sample ID: CS-89 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	192		250	449.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-18635-12 MS

Matrix: Solid

Analysis Batch: 33370

Client Sample ID: CS-99 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	121		250	385.9		mg/Kg		106	90 - 110

Lab Sample ID: 880-18635-12 MSD

Matrix: Solid

Analysis Batch: 33370

Client Sample ID: CS-99 (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	121		250	385.7		mg/Kg		106	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 33373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Total/NA	Solid	5035	
880-18635-2	CS-89 (2')	Total/NA	Solid	5035	
880-18635-3	CS-90 (2')	Total/NA	Solid	5035	
880-18635-4	CS-91 (2')	Total/NA	Solid	5035	
880-18635-5	CS-92 (2')	Total/NA	Solid	5035	
880-18635-6	CS-93 (2')	Total/NA	Solid	5035	
880-18635-7	CS-94 (2')	Total/NA	Solid	5035	
880-18635-8	CS-95 (2')	Total/NA	Solid	5035	
880-18635-9	CS-96 (2')	Total/NA	Solid	5035	
880-18635-10	CS-97 (1.5')	Total/NA	Solid	5035	
880-18635-11	CS-98 (1.5')	Total/NA	Solid	5035	
880-18635-12	CS-99 (1.5')	Total/NA	Solid	5035	
880-18635-13	CS-100 (1.5')	Total/NA	Solid	5035	
880-18635-14	CS-101 (1.5')	Total/NA	Solid	5035	
880-18635-15	CS-102 (1.5')	Total/NA	Solid	5035	
880-18635-16	CS-103 (1.5')	Total/NA	Solid	5035	
880-18635-17	CS-104 (1.5')	Total/NA	Solid	5035	
880-18635-18	SW-37 (2')	Total/NA	Solid	5035	
880-18635-19	SW-38 (2')	Total/NA	Solid	5035	
880-18635-20	SW-39 (2')	Total/NA	Solid	5035	
MB 880-33373/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33373/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33373/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18635-1 MS	CS-88 (2')	Total/NA	Solid	5035	
880-18635-1 MSD	CS-88 (2')	Total/NA	Solid	5035	

Prep Batch: 33384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-21	SW-40 (2')	Total/NA	Solid	5035	
880-18635-22	SW-41 (1.5')	Total/NA	Solid	5035	
880-18635-23	SW-42 (1.5')	Total/NA	Solid	5035	
880-18635-24	SW-43 (1.5')	Total/NA	Solid	5035	
880-18635-25	SW-44 (1.5')	Total/NA	Solid	5035	
MB 880-33384/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33384/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33384/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18635-21 MS	SW-40 (2')	Total/NA	Solid	5035	
880-18635-21 MSD	SW-40 (2')	Total/NA	Solid	5035	

Analysis Batch: 33694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-21	SW-40 (2')	Total/NA	Solid	8021B	33384
880-18635-22	SW-41 (1.5')	Total/NA	Solid	8021B	33384
880-18635-23	SW-42 (1.5')	Total/NA	Solid	8021B	33384
880-18635-24	SW-43 (1.5')	Total/NA	Solid	8021B	33384
880-18635-25	SW-44 (1.5')	Total/NA	Solid	8021B	33384
MB 880-33384/5-A	Method Blank	Total/NA	Solid	8021B	33384
LCS 880-33384/1-A	Lab Control Sample	Total/NA	Solid	8021B	33384
LCSD 880-33384/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33384
880-18635-21 MS	SW-40 (2')	Total/NA	Solid	8021B	33384
880-18635-21 MSD	SW-40 (2')	Total/NA	Solid	8021B	33384

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 33696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Total/NA	Solid	8021B	33373
880-18635-2	CS-89 (2')	Total/NA	Solid	8021B	33373
880-18635-3	CS-90 (2')	Total/NA	Solid	8021B	33373
880-18635-4	CS-91 (2')	Total/NA	Solid	8021B	33373
880-18635-5	CS-92 (2')	Total/NA	Solid	8021B	33373
880-18635-6	CS-93 (2')	Total/NA	Solid	8021B	33373
880-18635-7	CS-94 (2')	Total/NA	Solid	8021B	33373
880-18635-8	CS-95 (2')	Total/NA	Solid	8021B	33373
880-18635-9	CS-96 (2')	Total/NA	Solid	8021B	33373
880-18635-10	CS-97 (1.5')	Total/NA	Solid	8021B	33373
880-18635-11	CS-98 (1.5')	Total/NA	Solid	8021B	33373
880-18635-12	CS-99 (1.5')	Total/NA	Solid	8021B	33373
880-18635-13	CS-100 (1.5')	Total/NA	Solid	8021B	33373
880-18635-14	CS-101 (1.5')	Total/NA	Solid	8021B	33373
880-18635-15	CS-102 (1.5')	Total/NA	Solid	8021B	33373
880-18635-16	CS-103 (1.5')	Total/NA	Solid	8021B	33373
880-18635-17	CS-104 (1.5')	Total/NA	Solid	8021B	33373
880-18635-18	SW-37 (2')	Total/NA	Solid	8021B	33373
880-18635-19	SW-38 (2')	Total/NA	Solid	8021B	33373
880-18635-20	SW-39 (2')	Total/NA	Solid	8021B	33373
MB 880-33373/5-A	Method Blank	Total/NA	Solid	8021B	33373
LCS 880-33373/1-A	Lab Control Sample	Total/NA	Solid	8021B	33373
LCSD 880-33373/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33373
880-18635-1 MS	CS-88 (2')	Total/NA	Solid	8021B	33373
880-18635-1 MSD	CS-88 (2')	Total/NA	Solid	8021B	33373

Analysis Batch: 33717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Total/NA	Solid	Total BTEX	
880-18635-2	CS-89 (2')	Total/NA	Solid	Total BTEX	
880-18635-3	CS-90 (2')	Total/NA	Solid	Total BTEX	
880-18635-4	CS-91 (2')	Total/NA	Solid	Total BTEX	
880-18635-5	CS-92 (2')	Total/NA	Solid	Total BTEX	
880-18635-6	CS-93 (2')	Total/NA	Solid	Total BTEX	
880-18635-7	CS-94 (2')	Total/NA	Solid	Total BTEX	
880-18635-8	CS-95 (2')	Total/NA	Solid	Total BTEX	
880-18635-9	CS-96 (2')	Total/NA	Solid	Total BTEX	
880-18635-10	CS-97 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-11	CS-98 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-12	CS-99 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-13	CS-100 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-14	CS-101 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-15	CS-102 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-16	CS-103 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-17	CS-104 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-18	SW-37 (2')	Total/NA	Solid	Total BTEX	
880-18635-19	SW-38 (2')	Total/NA	Solid	Total BTEX	
880-18635-20	SW-39 (2')	Total/NA	Solid	Total BTEX	
880-18635-21	SW-40 (2')	Total/NA	Solid	Total BTEX	
880-18635-22	SW-41 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-23	SW-42 (1.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 33717 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-24	SW-43 (1.5')	Total/NA	Solid	Total BTEX	
880-18635-25	SW-44 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 33311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Total/NA	Solid	8015B NM	33346
880-18635-2	CS-89 (2')	Total/NA	Solid	8015B NM	33346
880-18635-3	CS-90 (2')	Total/NA	Solid	8015B NM	33346
880-18635-4	CS-91 (2')	Total/NA	Solid	8015B NM	33346
880-18635-5	CS-92 (2')	Total/NA	Solid	8015B NM	33346
880-18635-6	CS-93 (2')	Total/NA	Solid	8015B NM	33346
880-18635-7	CS-94 (2')	Total/NA	Solid	8015B NM	33346
880-18635-8	CS-95 (2')	Total/NA	Solid	8015B NM	33346
880-18635-9	CS-96 (2')	Total/NA	Solid	8015B NM	33346
880-18635-10	CS-97 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-11	CS-98 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-12	CS-99 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-13	CS-100 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-14	CS-101 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-15	CS-102 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-16	CS-103 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-17	CS-104 (1.5')	Total/NA	Solid	8015B NM	33346
880-18635-18	SW-37 (2')	Total/NA	Solid	8015B NM	33346
880-18635-19	SW-38 (2')	Total/NA	Solid	8015B NM	33346
880-18635-20	SW-39 (2')	Total/NA	Solid	8015B NM	33346
MB 880-33346/1-A	Method Blank	Total/NA	Solid	8015B NM	33346
LCS 880-33346/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33346
LCSD 880-33346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33346
880-18635-1 MS	CS-88 (2')	Total/NA	Solid	8015B NM	33346
880-18635-1 MSD	CS-88 (2')	Total/NA	Solid	8015B NM	33346

Prep Batch: 33313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-21	SW-40 (2')	Total/NA	Solid	8015NM Prep	
880-18635-22	SW-41 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-23	SW-42 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-24	SW-43 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-25	SW-44 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-33313/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33313/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33313/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2851-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2851-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 33346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Total/NA	Solid	8015NM Prep	
880-18635-2	CS-89 (2')	Total/NA	Solid	8015NM Prep	
880-18635-3	CS-90 (2')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 33346 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-4	CS-91 (2')	Total/NA	Solid	8015NM Prep	
880-18635-5	CS-92 (2')	Total/NA	Solid	8015NM Prep	
880-18635-6	CS-93 (2')	Total/NA	Solid	8015NM Prep	
880-18635-7	CS-94 (2')	Total/NA	Solid	8015NM Prep	
880-18635-8	CS-95 (2')	Total/NA	Solid	8015NM Prep	
880-18635-9	CS-96 (2')	Total/NA	Solid	8015NM Prep	
880-18635-10	CS-97 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-11	CS-98 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-12	CS-99 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-13	CS-100 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-14	CS-101 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-15	CS-102 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-16	CS-103 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-17	CS-104 (1.5')	Total/NA	Solid	8015NM Prep	
880-18635-18	SW-37 (2')	Total/NA	Solid	8015NM Prep	
880-18635-19	SW-38 (2')	Total/NA	Solid	8015NM Prep	
880-18635-20	SW-39 (2')	Total/NA	Solid	8015NM Prep	
MB 880-33346/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33346/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33346/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18635-1 MS	CS-88 (2')	Total/NA	Solid	8015NM Prep	
880-18635-1 MSD	CS-88 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-21	SW-40 (2')	Total/NA	Solid	8015B NM	33313
880-18635-22	SW-41 (1.5')	Total/NA	Solid	8015B NM	33313
880-18635-23	SW-42 (1.5')	Total/NA	Solid	8015B NM	33313
880-18635-24	SW-43 (1.5')	Total/NA	Solid	8015B NM	33313
880-18635-25	SW-44 (1.5')	Total/NA	Solid	8015B NM	33313
MB 880-33313/1-A	Method Blank	Total/NA	Solid	8015B NM	33313
LCS 880-33313/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33313
LCSD 880-33313/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33313
890-2851-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	33313
890-2851-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	33313

Analysis Batch: 33423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Total/NA	Solid	8015 NM	
880-18635-2	CS-89 (2')	Total/NA	Solid	8015 NM	
880-18635-3	CS-90 (2')	Total/NA	Solid	8015 NM	
880-18635-4	CS-91 (2')	Total/NA	Solid	8015 NM	
880-18635-5	CS-92 (2')	Total/NA	Solid	8015 NM	
880-18635-6	CS-93 (2')	Total/NA	Solid	8015 NM	
880-18635-7	CS-94 (2')	Total/NA	Solid	8015 NM	
880-18635-8	CS-95 (2')	Total/NA	Solid	8015 NM	
880-18635-9	CS-96 (2')	Total/NA	Solid	8015 NM	
880-18635-10	CS-97 (1.5')	Total/NA	Solid	8015 NM	
880-18635-11	CS-98 (1.5')	Total/NA	Solid	8015 NM	
880-18635-12	CS-99 (1.5')	Total/NA	Solid	8015 NM	
880-18635-13	CS-100 (1.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-14	CS-101 (1.5')	Total/NA	Solid	8015 NM	
880-18635-15	CS-102 (1.5')	Total/NA	Solid	8015 NM	
880-18635-16	CS-103 (1.5')	Total/NA	Solid	8015 NM	
880-18635-17	CS-104 (1.5')	Total/NA	Solid	8015 NM	
880-18635-18	SW-37 (2')	Total/NA	Solid	8015 NM	
880-18635-19	SW-38 (2')	Total/NA	Solid	8015 NM	
880-18635-20	SW-39 (2')	Total/NA	Solid	8015 NM	
880-18635-21	SW-40 (2')	Total/NA	Solid	8015 NM	
880-18635-22	SW-41 (1.5')	Total/NA	Solid	8015 NM	
880-18635-23	SW-42 (1.5')	Total/NA	Solid	8015 NM	
880-18635-24	SW-43 (1.5')	Total/NA	Solid	8015 NM	
880-18635-25	SW-44 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-22	SW-41 (1.5')	Soluble	Solid	DI Leach	
880-18635-23	SW-42 (1.5')	Soluble	Solid	DI Leach	
880-18635-24	SW-43 (1.5')	Soluble	Solid	DI Leach	
880-18635-25	SW-44 (1.5')	Soluble	Solid	DI Leach	
MB 880-33237/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33237/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33237/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18628-A-41-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-18628-A-41-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 33325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Soluble	Solid	DI Leach	
MB 880-33325/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33325/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33325/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18634-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-18634-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 33326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-2	CS-89 (2')	Soluble	Solid	DI Leach	
880-18635-3	CS-90 (2')	Soluble	Solid	DI Leach	
880-18635-4	CS-91 (2')	Soluble	Solid	DI Leach	
880-18635-5	CS-92 (2')	Soluble	Solid	DI Leach	
880-18635-6	CS-93 (2')	Soluble	Solid	DI Leach	
880-18635-7	CS-94 (2')	Soluble	Solid	DI Leach	
880-18635-8	CS-95 (2')	Soluble	Solid	DI Leach	
880-18635-9	CS-96 (2')	Soluble	Solid	DI Leach	
880-18635-10	CS-97 (1.5')	Soluble	Solid	DI Leach	
880-18635-11	CS-98 (1.5')	Soluble	Solid	DI Leach	
880-18635-12	CS-99 (1.5')	Soluble	Solid	DI Leach	
880-18635-13	CS-100 (1.5')	Soluble	Solid	DI Leach	
880-18635-14	CS-101 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 33326 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-15	CS-102 (1.5')	Soluble	Solid	DI Leach	
880-18635-16	CS-103 (1.5')	Soluble	Solid	DI Leach	
880-18635-17	CS-104 (1.5')	Soluble	Solid	DI Leach	
880-18635-18	SW-37 (2')	Soluble	Solid	DI Leach	
880-18635-19	SW-38 (2')	Soluble	Solid	DI Leach	
880-18635-20	SW-39 (2')	Soluble	Solid	DI Leach	
880-18635-21	SW-40 (2')	Soluble	Solid	DI Leach	
MB 880-33326/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33326/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33326/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18635-2 MS	CS-89 (2')	Soluble	Solid	DI Leach	
880-18635-2 MSD	CS-89 (2')	Soluble	Solid	DI Leach	
880-18635-12 MS	CS-99 (1.5')	Soluble	Solid	DI Leach	
880-18635-12 MSD	CS-99 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 33365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-1	CS-88 (2')	Soluble	Solid	300.0	33325
MB 880-33325/1-A	Method Blank	Soluble	Solid	300.0	33325
LCS 880-33325/2-A	Lab Control Sample	Soluble	Solid	300.0	33325
LCSD 880-33325/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33325
880-18634-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	33325
880-18634-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	33325

Analysis Batch: 33366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-22	SW-41 (1.5')	Soluble	Solid	300.0	33237
880-18635-23	SW-42 (1.5')	Soluble	Solid	300.0	33237
880-18635-24	SW-43 (1.5')	Soluble	Solid	300.0	33237
880-18635-25	SW-44 (1.5')	Soluble	Solid	300.0	33237
MB 880-33237/1-A	Method Blank	Soluble	Solid	300.0	33237
LCS 880-33237/2-A	Lab Control Sample	Soluble	Solid	300.0	33237
LCSD 880-33237/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33237
880-18628-A-41-C MS	Matrix Spike	Soluble	Solid	300.0	33237
880-18628-A-41-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	33237

Analysis Batch: 33370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-2	CS-89 (2')	Soluble	Solid	300.0	33326
880-18635-3	CS-90 (2')	Soluble	Solid	300.0	33326
880-18635-4	CS-91 (2')	Soluble	Solid	300.0	33326
880-18635-5	CS-92 (2')	Soluble	Solid	300.0	33326
880-18635-6	CS-93 (2')	Soluble	Solid	300.0	33326
880-18635-7	CS-94 (2')	Soluble	Solid	300.0	33326
880-18635-8	CS-95 (2')	Soluble	Solid	300.0	33326
880-18635-9	CS-96 (2')	Soluble	Solid	300.0	33326
880-18635-10	CS-97 (1.5')	Soluble	Solid	300.0	33326
880-18635-11	CS-98 (1.5')	Soluble	Solid	300.0	33326
880-18635-12	CS-99 (1.5')	Soluble	Solid	300.0	33326
880-18635-13	CS-100 (1.5')	Soluble	Solid	300.0	33326
880-18635-14	CS-101 (1.5')	Soluble	Solid	300.0	33326

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QC Association Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 33370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18635-15	CS-102 (1.5')	Soluble	Solid	300.0	33326
880-18635-16	CS-103 (1.5')	Soluble	Solid	300.0	33326
880-18635-17	CS-104 (1.5')	Soluble	Solid	300.0	33326
880-18635-18	SW-37 (2')	Soluble	Solid	300.0	33326
880-18635-19	SW-38 (2')	Soluble	Solid	300.0	33326
880-18635-20	SW-39 (2')	Soluble	Solid	300.0	33326
880-18635-21	SW-40 (2')	Soluble	Solid	300.0	33326
MB 880-33326/1-A	Method Blank	Soluble	Solid	300.0	33326
LCS 880-33326/2-A	Lab Control Sample	Soluble	Solid	300.0	33326
LCSD 880-33326/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33326
880-18635-2 MS	CS-89 (2')	Soluble	Solid	300.0	33326
880-18635-2 MSD	CS-89 (2')	Soluble	Solid	300.0	33326
880-18635-12 MS	CS-99 (1.5')	Soluble	Solid	300.0	33326
880-18635-12 MSD	CS-99 (1.5')	Soluble	Solid	300.0	33326

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-88 (2')

Lab Sample ID: 880-18635-1

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 16:41	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/30/22 21:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33325	08/30/22 10:04	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33365	08/31/22 06:17	CH	EET MID

Client Sample ID: CS-89 (2')

Lab Sample ID: 880-18635-2

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 17:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/30/22 22:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 08:07	CH	EET MID

Client Sample ID: CS-90 (2')

Lab Sample ID: 880-18635-3

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 18:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/30/22 23:16	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 08:28	CH	EET MID

Client Sample ID: CS-91 (2')

Lab Sample ID: 880-18635-4

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 19:01	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-91 (2')

Lab Sample ID: 880-18635-4

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/30/22 23:37	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 08:35	CH	EET MID

Client Sample ID: CS-92 (2')

Lab Sample ID: 880-18635-5

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 19:26	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/30/22 23:57	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 08:42	CH	EET MID

Client Sample ID: CS-93 (2')

Lab Sample ID: 880-18635-6

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 19:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 00:18	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 08:50	CH	EET MID

Client Sample ID: CS-94 (2')

Lab Sample ID: 880-18635-7

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 20:16	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 00:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-94 (2')

Lab Sample ID: 880-18635-7

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 09:11	CH	EET MID

Client Sample ID: CS-95 (2')

Lab Sample ID: 880-18635-8

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 20:41	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 00:59	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 09:18	CH	EET MID

Client Sample ID: CS-96 (2')

Lab Sample ID: 880-18635-9

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 21:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 01:20	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 09:25	CH	EET MID

Client Sample ID: CS-97 (1.5')

Lab Sample ID: 880-18635-10

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 21:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 01:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 09:32	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-98 (1.5')

Lab Sample ID: 880-18635-11

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 23:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 02:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 09:40	CH	EET MID

Client Sample ID: CS-99 (1.5')

Lab Sample ID: 880-18635-12

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/03/22 23:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 02:43	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 09:47	CH	EET MID

Client Sample ID: CS-100 (1.5')

Lab Sample ID: 880-18635-13

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 00:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 03:04	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 10:08	CH	EET MID

Client Sample ID: CS-101 (1.5')

Lab Sample ID: 880-18635-14

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 00:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-101 (1.5')

Lab Sample ID: 880-18635-14

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 03:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 10:15	CH	EET MID

Client Sample ID: CS-102 (1.5')

Lab Sample ID: 880-18635-15

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 00:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 03:46	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 10:37	CH	EET MID

Client Sample ID: CS-103 (1.5')

Lab Sample ID: 880-18635-16

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 01:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 04:06	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 10:44	CH	EET MID

Client Sample ID: CS-104 (1.5')

Lab Sample ID: 880-18635-17

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 01:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 04:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: CS-104 (1.5')

Lab Sample ID: 880-18635-17

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 10:51	CH	EET MID

Client Sample ID: SW-37 (2')

Lab Sample ID: 880-18635-18

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 02:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 04:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 10:58	CH	EET MID

Client Sample ID: SW-38 (2')

Lab Sample ID: 880-18635-19

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 02:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 05:09	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 11:05	CH	EET MID

Client Sample ID: SW-39 (2')

Lab Sample ID: 880-18635-20

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33373	08/30/22 14:27	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33696	09/04/22 02:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33346	08/30/22 10:59	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33311	08/31/22 05:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 11:12	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-40 (2')

Lab Sample ID: 880-18635-21

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33384	08/30/22 15:53	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 17:01	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33313	08/30/22 09:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	08/31/22 17:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33326	08/30/22 10:17	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33370	08/31/22 11:20	CH	EET MID

Client Sample ID: SW-41 (1.5')

Lab Sample ID: 880-18635-22

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33384	08/30/22 15:53	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 17:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33313	08/30/22 09:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	08/31/22 18:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33237	08/30/22 10:13	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33366	08/31/22 10:08	CH	EET MID

Client Sample ID: SW-42 (1.5')

Lab Sample ID: 880-18635-23

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33384	08/30/22 15:53	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 17:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33313	08/30/22 09:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	08/31/22 18:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33237	08/30/22 10:13	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33366	08/31/22 10:17	CH	EET MID

Client Sample ID: SW-43 (1.5')

Lab Sample ID: 880-18635-24

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33384	08/30/22 15:53	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 18:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Client Sample ID: SW-43 (1.5')

Lab Sample ID: 880-18635-24

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33313	08/30/22 09:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	08/31/22 18:43	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33237	08/30/22 10:13	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33366	08/31/22 10:45	CH	EET MID

Client Sample ID: SW-44 (1.5')

Lab Sample ID: 880-18635-25

Date Collected: 08/29/22 00:00

Matrix: Solid

Date Received: 08/30/22 08:55

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	33384	08/30/22 15:53	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 18:23	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33717	09/04/22 20:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33423	08/31/22 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33313	08/30/22 09:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33403	08/31/22 19:05	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33237	08/30/22 10:13	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33366	08/31/22 10:54	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Method Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Moutray SWD

Job ID: 880-18635-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18635-1	CS-88 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-2	CS-89 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-3	CS-90 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-4	CS-91 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-5	CS-92 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-6	CS-93 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-7	CS-94 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-8	CS-95 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-9	CS-96 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-10	CS-97 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-11	CS-98 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-12	CS-99 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-13	CS-100 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-14	CS-101 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-15	CS-102 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-16	CS-103 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-17	CS-104 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-18	SW-37 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-19	SW-38 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-20	SW-39 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-21	SW-40 (2')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-22	SW-41 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-23	SW-42 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-24	SW-43 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55
880-18635-25	SW-44 (1.5')	Solid	08/29/22 00:00	08/30/22 08:55

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[illegible]

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments		
CS-88 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-89 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-90 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-91 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-92 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-93 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-94 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-95 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-96 (2')	8/29/2022		X		Comp	1	X	X	X										
CS-97 (1.5')	8/29/2022		X		Comp	1	X	X	X										



880-18635 Chain of Custody

Received by (Signature)

Date/Time

Date/Time 8/30/22 8:55

Received by (Signature)

Revised Date 05012020 Rev 2020.

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Work Order No: 18435

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Project Manager	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name	Camrona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	432-813-6823	Email	joseph.vargo@nnglep.com

Work Order Comments			
Program: UST/PST	PRP	Brownfield	RR
State of Project:			Superfund
Reporting Level II	Level III	PST/UST	TRR
Deliverables EDD	ADAPT	Other	Level IV

Project Name		Moutray SWD		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs	None NO		DI Water	H ₂ O												
Project Location	Eddy Co. NM					Cool	Cool	MeOH	Me												
Sampler's Name	CCM/DS			TAT starts the day received by the lab, if received by 4:30pm		HCL	HC	HNO ₃	HN												
PO #.						H ₂ SO ₄	H ₂	NaOH	Na												
SAMPLE RECEIPT		Temp Blank.	Yes	No	Thermometer ID	Yes	No	Wet Ice	Yes	No											
Received Intact	Yes	No			Correction Factor																
Cooler Custody Seals	Yes	No	N/A			Temperature Reading															
Sample Custody Seals	Yes	No	N/A			Corrected Temperature															
Total Containers.																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-98 (1.5')		8/29/2022		X		Comp	1	X	X	X											
CS-99 (1.5')		8/29/2022		X		Comp	1	X	X	X											
CS-100 (1.5')		8/29/2022		X		Comp	1	X	X	X											
CS-101 (1.5')		8/29/2022		X		Comp	1	X	X	X											
CS-102 (1.5')		8/29/2022		X		Comp	1	X	X	X											
CS-103 (1.5')		8/29/2022		X		Comp	1	X	X	X											
CS-104 (1.5')		8/29/2022		X		Comp	1	X	X	X											
SW-37 (2)		8/29/2022		X		Comp	1	X	X	X											
SW-38 (2)		8/29/2022		X		Comp	1	X	X	X											
SW-39 (2)		8/29/2022		X		Comp	1	X	X	X											

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		8/30/22 8:58			

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Work Order No: 18635

Page 3 of 3

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Perminan
Address	310 W Wall St Ste 415	Address	865 North Albion St. Ste 400
City, State Zip	Midland, TX 79701	City, State Zip	Denver, CO 80220
Phone	432-813-6823	Email	joseph.vargo@nngl.com

Program: UST/PST ☐ PRP ☐ Brownfield ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting Level I ☐	Level II ☐ PST/UST ☐ TRR ☐ Level N ☐
Deliverables: EDD ☐	ADAPT ☐ Other ☐

Project Name		Moutray SWD		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1009	☐ Routine	☒ Rush	Due Date	24 Hrs												None NO	DI Water H ₂ O			
Project Location	Eddy Co. NM																Cool Cool	MeOH Me			
Sampler's Name	CCM/DS				TAT starts the day received by the lab, if received by 4 30pm												HCL HC	HNO ₃ HN			
PO #:																	H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT		Temp Blank.	Yes	No	Thermometer ID	Yes	No	Wet Ice.	Yes	No								H ₃ PO ₄ HP			
Received Intact	Yes	No			Correction Factor													NaHSO ₄ NABIS			
Cooler Custody Seals	Yes	No	N/A		Temperature Reading													Na ₂ S ₂ O ₅ NaSO ₃			
Sample Custody Seals	Yes	No	N/A		Corrected Temperature													Zn Acetate+NaOH Zn			
Total Containers.																		NaOH+Ascorbic Acid. SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters										Sample Comments			
SW-40 (2)		8/29/2022		X		Comp	1	BTEX 8021B										Loc: 880 18635			
SW-41 (1.5')		8/29/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)													
SW-42 (1.5')		8/29/2022		X		Comp	1	Chloride 300.0													
SW-43 (1.5')		8/29/2022		X		Comp	1														
SW-44 (1.5')		8/29/2022		X		Comp	1														

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	8/30/22 8:55		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18635-1

SDG Number: Eddy Co, NM

Login Number: 18635

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 143613

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 143613
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/15/2022