

CARMONA RESOURCES



SITE INFORMATION

Work Plan
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

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

Prepared by:
Carmona Resources, LLC
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Suite 415
Midland, Texas 79701

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Midland TX, 79701
432.813.1992

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 PROPOSED WORK PLAN

6.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	PROPOSED EXCAVATION

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	INITIAL C-141 AND REMEDIATION
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS



May 2, 2022

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

**Re: Work Plan
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 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 and measured approximately 430' x 175' on the pad, and approximately 200' x 40' in the pasture as shown on Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there 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.

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- TPH: 100 mg/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 see 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 see 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 Proposed Work Plan

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

- The areas of T-1, S-2, and S-4 will be excavated to a depth of 3' below the surface and backfilled with clean material to grade.
- The areas of T-2, T-4, T-9, and S-3 will be excavated to a depth of 2' below the surface and

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backfilled with clean material to grade.

- The area of T-3 will be excavated to a depth of 6.0' below the surface and backfilled with clean material to grade.
- The area of T-11 will be excavated to a depth of 1.5' below the surface and backfilled with clean material to grade.
- The areas of T-6, and S-1 will be excavated to a depth of 4' below the surface and backfilled with clean material to grade.
- NGL will collect composite sidewall and bottom hole samples every 600 square feet.
- An estimated 4,850 cubic yards to be removed and hauled to the nearest disposal.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

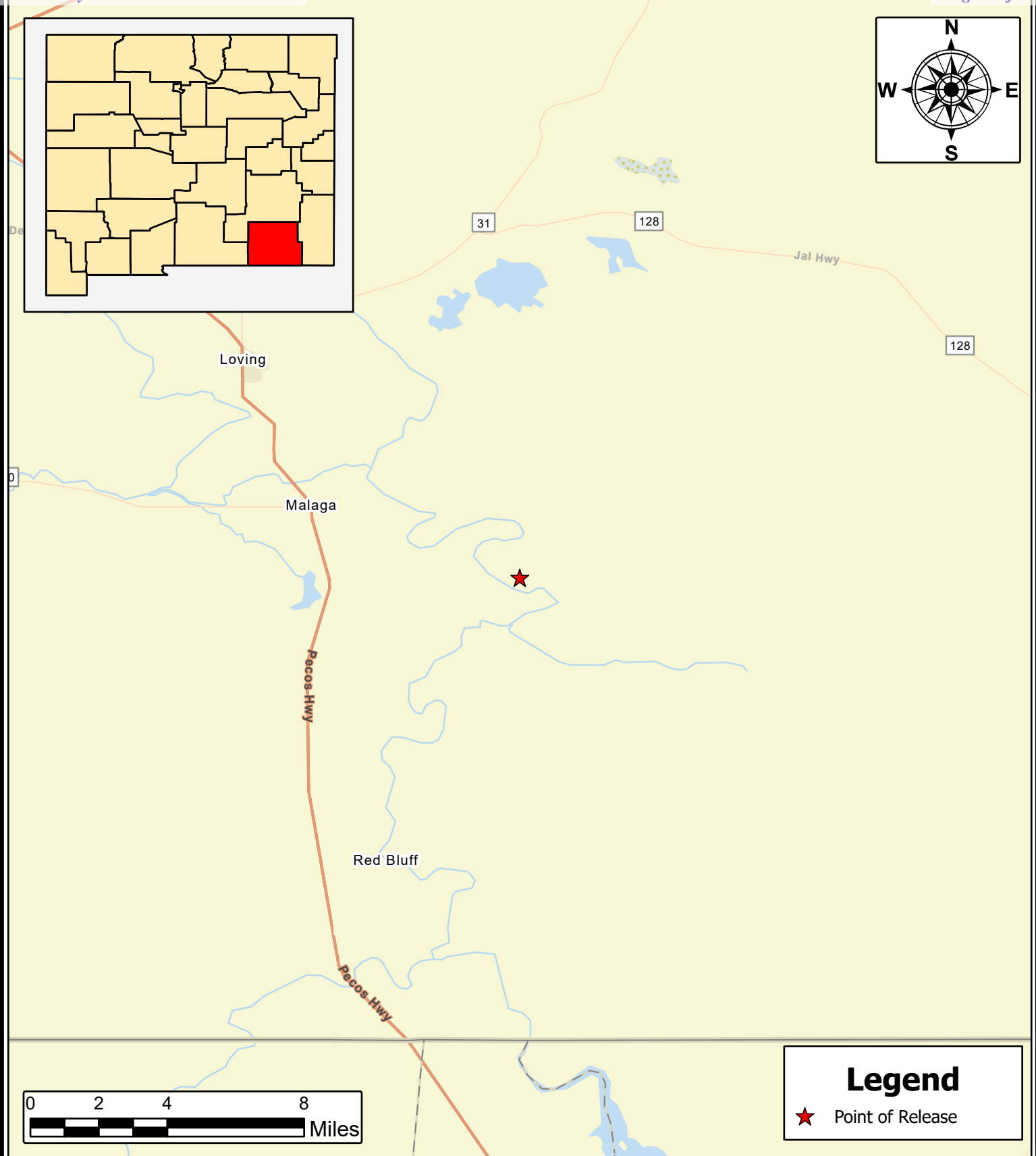
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

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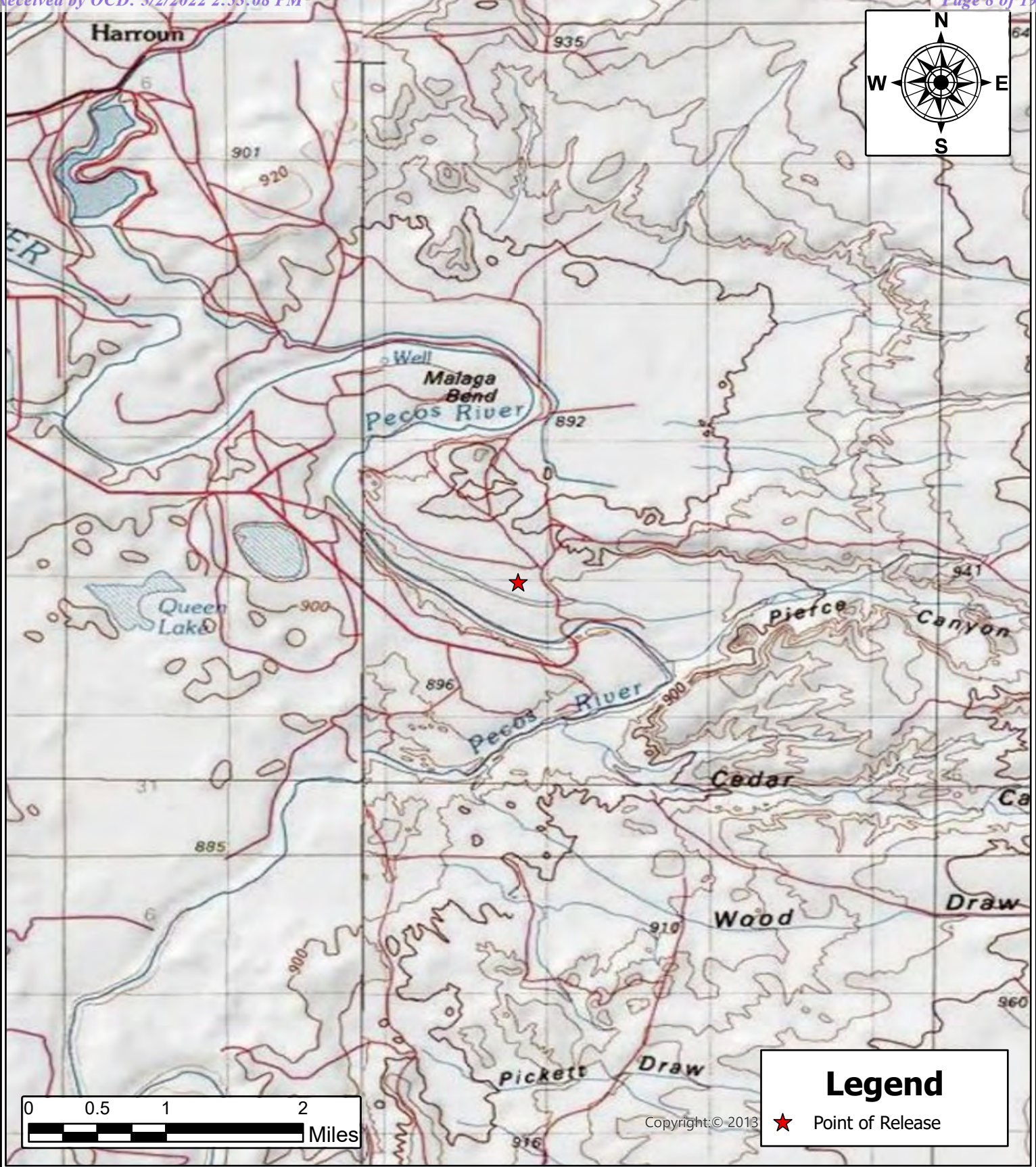


OVERVIEW MAP NGL ENERGY PARTNERS MOUTRAY SWD EDDY COUNTY, NEW MEXICO 32.195298 -103.983931	
SCALE: As Shown	Date: 4/18/2022

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

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1

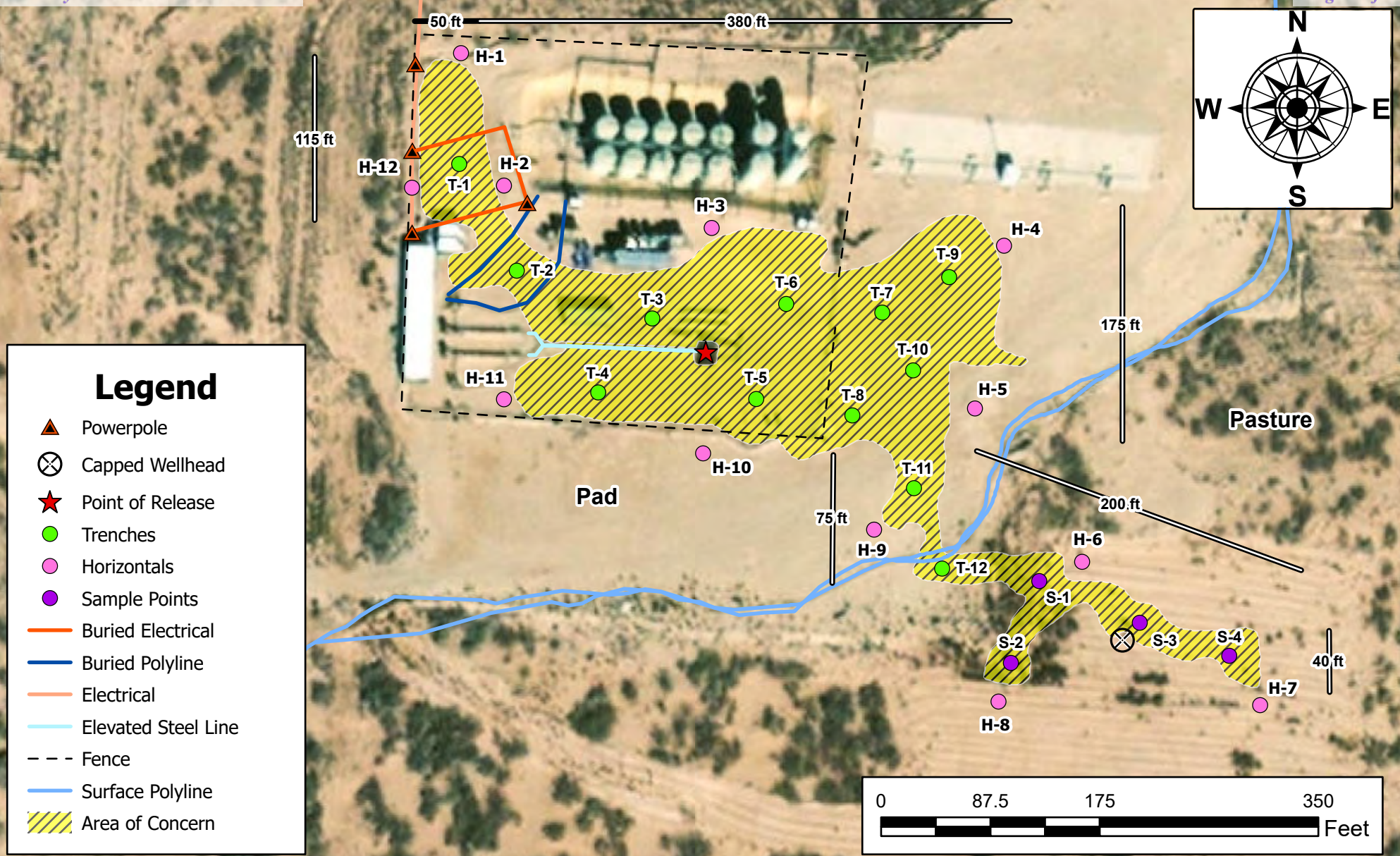


TOPOGRAPHIC MAP NGL ENERGY PARTNERS MOUTRAY SWD EDDY COUNTY, NEW MEXICO 32.195298 -103.983931	
SCALE: As Shown	Date: 4/18/2022

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

DRAWING NUMBER: FIGURE 2
SHEET NUMBER: 1 of 1



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



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 Midland, Texas 79701

NOTES:

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

DRAWING NUMBER:

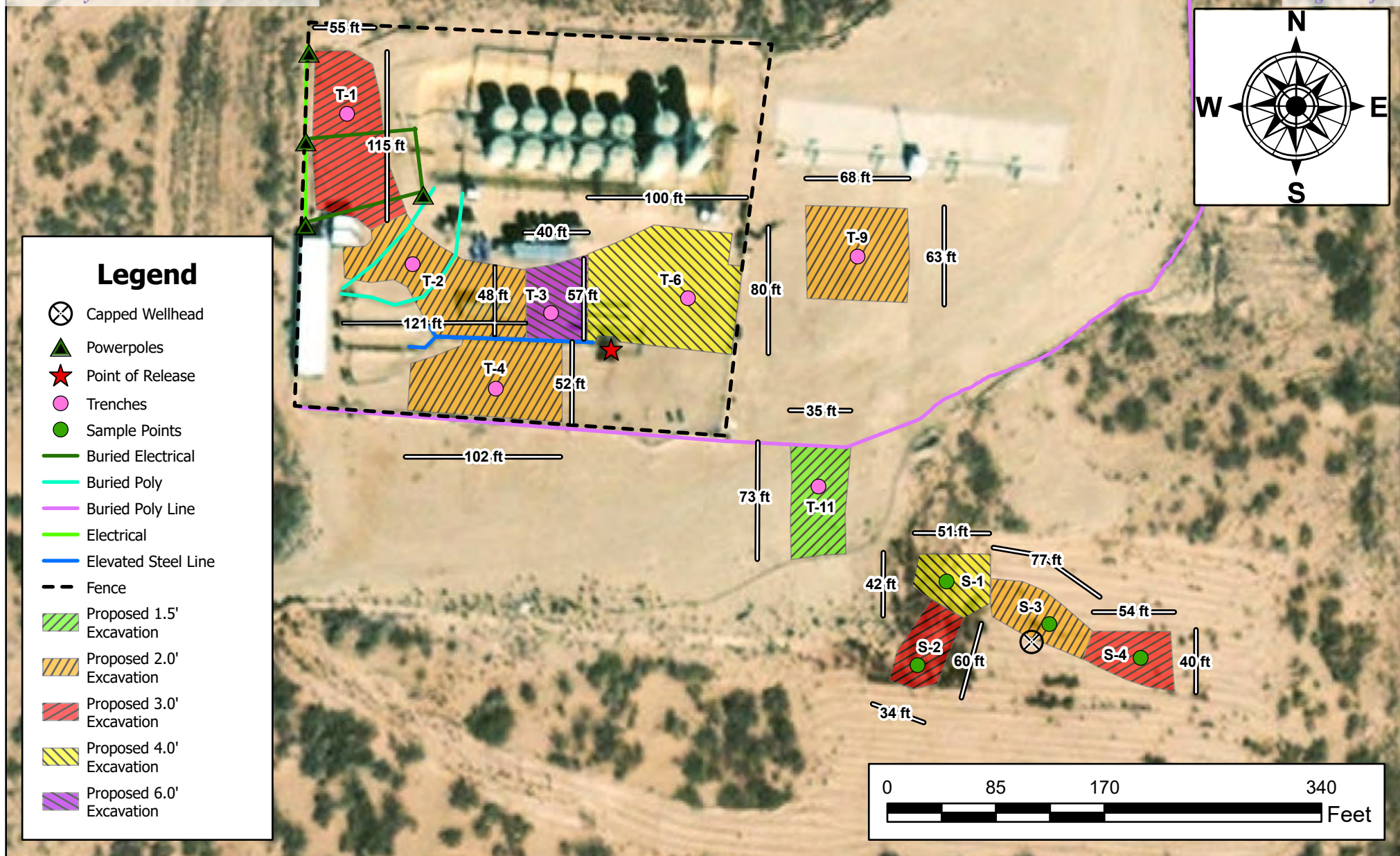
FIGURE 3

SHEET NUMBER:

1 of 1

SCALE: As Shown

Date: 5/1/2022



PROPOSED 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 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

SCALE: As Shown

Date: 5/2/2022

APPENDIX A

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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)	Xylene (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	
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	
T-4	3/29/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	731	
	*	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	922	
	*	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	<0.00200	<0.00399	<0.00399	14.4	
T-5	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-6	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	
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	249	
	*	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	249	
	*	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	
T-8	*	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-9	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-10	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-11	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-12	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-13	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-14	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													
						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg	

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

- Proposed Excavation

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

 - Proposed Excavation

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)	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						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

H - Horizontal

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

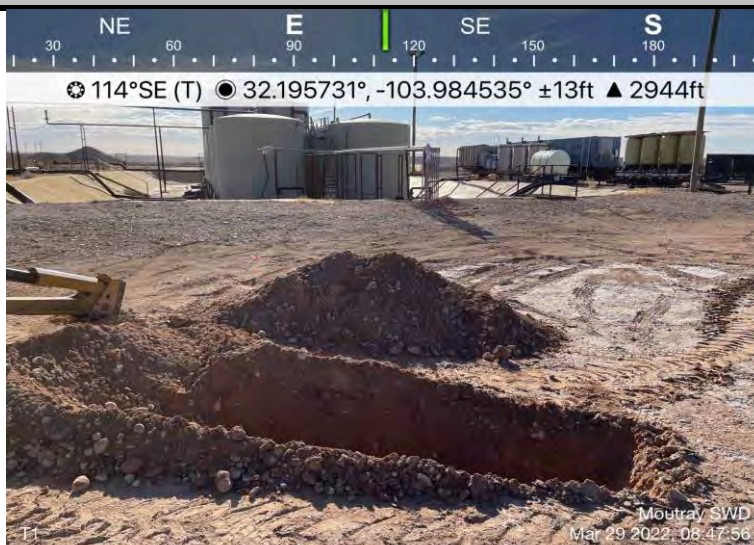
Photograph No. 1

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southeast, area of Trench 1.



Photograph No. 2

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southwest, area of Trench 2.



Photograph No. 3

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southeast, area of Trench 3.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View East, area of Trench 4.



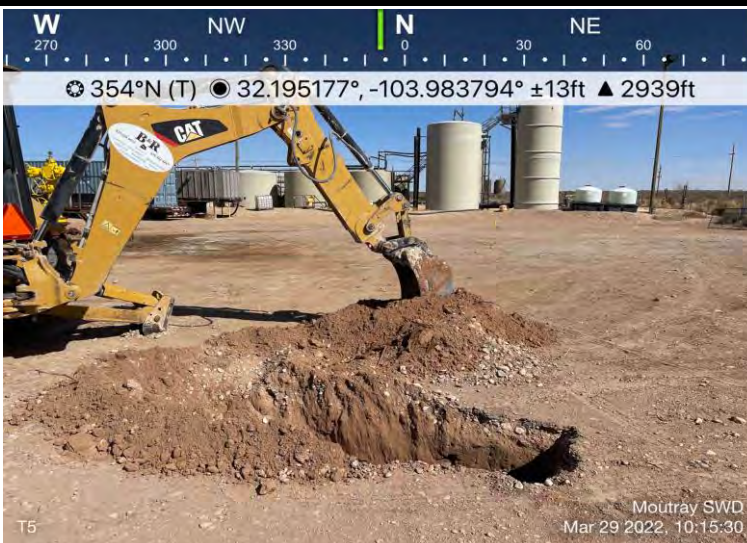
Photograph No. 5

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View North, area of Trench 5.



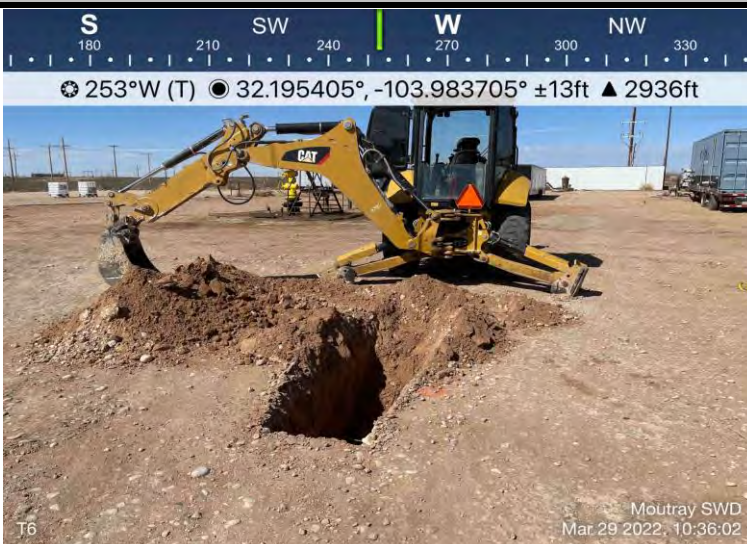
Photograph No. 6

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View West, area of Trench 6.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 7

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View West, area of Trench 7.



Photograph No. 8

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Northwest, area of Trench 8.



Photograph No. 9

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southwest, area of Trench 9.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 10

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Northeast, area of Trench 10.



Photograph No. 11

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View East, area of Trench 11.



Photograph No. 12

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Southeast, area of Trench 12.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 13

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View Northeast, areas of sample points (1-2).



Photograph No. 14

Facility: Moutray SWD

County: Eddy County, New Mexico

Description:

View East, areas of sample points (3-4).



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

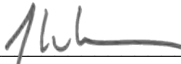
Wing Valve on the wellhead was in the open position at 2% when the injection was turned back on to the wellhead.

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	

Remediation Plan

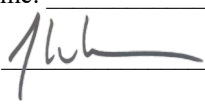
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

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

OCD Only

Received by: _____ Date: _____

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

Signature:  Date: 07/14/2022

APPENDIX D

CARMONA RESOURCES



Nearest water well Map

NGL - Moutray SWD

Legend

- 0.50 Mile Radius
- 1.02 Miles
- 1.21 Miles
- 1.23 Miles
- Moutray SWD
- USGS Water Well

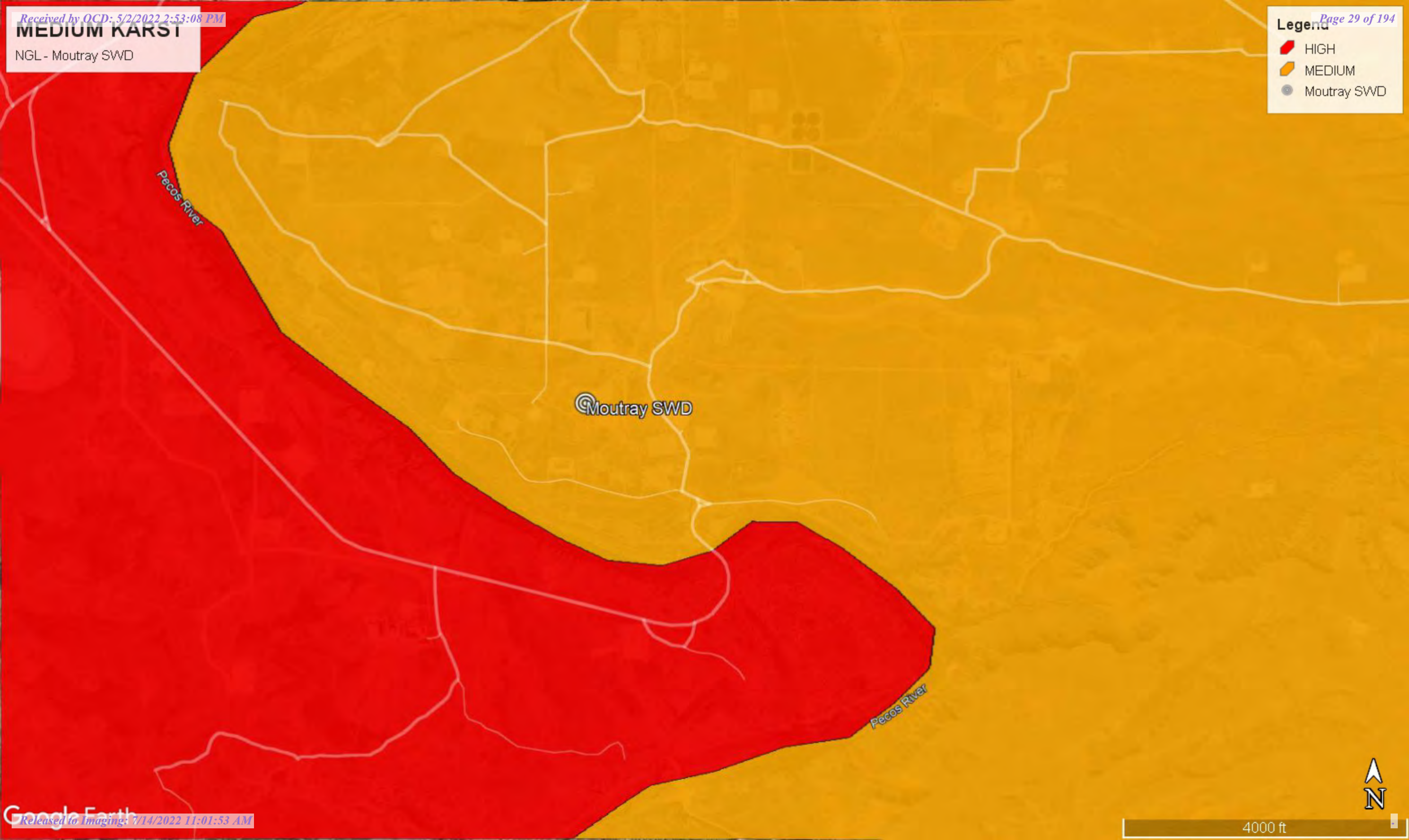


MEDIUM KARST

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

Click to hide state-specific text

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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?>

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

Page Last Modified: 2022-02-09 12:06:29 EST

0.32 0.27 nadww02





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Data Category: Groundwater Geographic Area: New Mexico

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Groundwater levels for New Mexico

Click to hide state-specific text

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321128104000201

Minimum number of levels = 1

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

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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Page Last Modified: 2022-02-09 12:04:47 EST

0.29 0.25 nadww02



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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

2/9/22, 11:07 AM

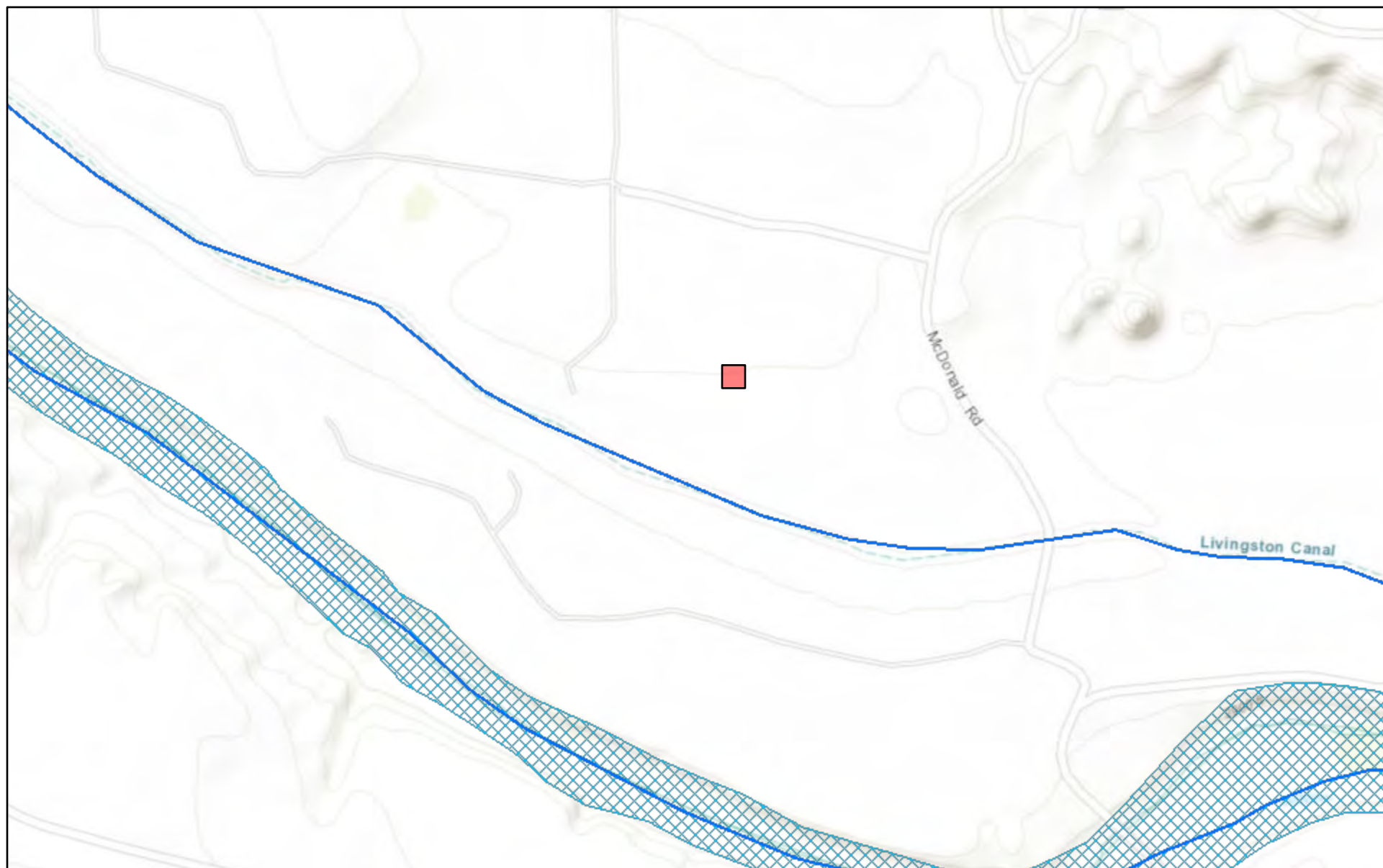
Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by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

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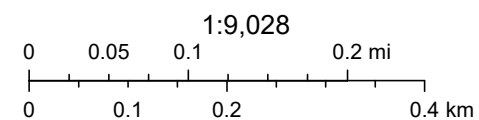
Page Last Modified: 2022-02-09 12:07:29 EST

0.27 0.23 nadww01

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	69
QC Sample Results	75
QC Association Summary	98
Lab Chronicle	117
Certification Summary	142
Method Summary	143
Sample Summary	144
Chain of Custody	146
Receipt Checklists	155

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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

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 (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

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 (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

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-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

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-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

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-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

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-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

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-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

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 (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

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 (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

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-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

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-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

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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 (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

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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 (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

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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 (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

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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-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

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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-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

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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-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

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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 (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

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-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

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-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

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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 (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

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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-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

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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-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

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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-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

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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-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

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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-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

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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-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

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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-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

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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-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')

Lab Sample ID: 880-13049-75

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 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')

Lab Sample ID: 880-13049-76

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 20:59	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

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 (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

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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 (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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	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

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

		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

1

2

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14

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	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	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	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	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						
1-Chlorooctane	137	S1+	70 - 130						
o-Terphenyl	139	S1+	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 880-22697/2-A

Matrix: Solid

Analysis Batch: 22689

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
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
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	127		70 - 130				
o-Terphenyl	113		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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
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
Surrogate	%Recovery	LCSD Qualifier	Limits						
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

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	944.0		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	936.3		mg/Kg		94	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	117		70 - 130						
o-Terphenyl	110		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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	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	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	104		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: 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								
<i>o</i> -Terphenyl	101		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: 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

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: 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

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	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

Analyte	MB Result	MB 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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

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: 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

Eurofins Midland

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	

Eurofins Midland

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	

Eurofins Midland

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

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: 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

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: 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

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: 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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-34

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	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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-35

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	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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-36

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	04/02/22 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')

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
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')

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
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')

Lab Sample ID: 880-13049-38

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	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')

Lab Sample ID: 880-13049-39

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	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')

Lab Sample ID: 880-13049-40

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	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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-44

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			10.01 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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-45

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	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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-46

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	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')

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
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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-74

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	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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-75

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	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')

Date Collected: 03/29/22 00:00

Date Received: 03/30/22 09:15

Lab Sample ID: 880-13049-76

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 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')

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
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

Page 1 of 8

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 ☐	Parameters								HOLD	
Received In tact:	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	BTEX 8021B													
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐	TPH 8015M (GRO + DRO + MRO)													
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐	Chloride 300.0													
Total Containers	Yes ☒ No ☐	Corrected Temperature:	1.7														

Sample Identification	Date	Time	Soil	Water	Grab/	# of											Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Ben Wargy</i>	<i>Patricia</i>	03/30/22			

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Work Order No: _____

Page 2 of 8

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/ST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ Level III ☐ P-ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name		Moutray SWD		Turn Around			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 ☐													HOLD	
Received Intact			Yes	No	Thermometer ID													NaHSO ₄ NABIS		
Cooler Custody Seals			Yes	No	N/A	Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals			Yes	No	N/A	Temperature Reading													Zn Acetate+NaOH Zn	
Total Containers						Corrected Temperature													NaOH+Ascorbic Acid SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
T-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			

Work Order No: _____

Page 3 of 8

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	

Project Name		Moutray SWD		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number		1009		☐ Routine ☒ Rush		5 Days																None NO DI Water H ₂ O	
Project Location		Eddy Co. NM		Due Date																		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 ☐		Parameters														HOLD	
Received Intact.		Yes No		Thermometer ID						BTEX 8021B														NaHSO ₄ NABIS	
Cooler Custody Seals		Yes No N/A		Correction Factor						TPH 8015M (GRO + DRO + MRO)														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals		Yes No N/A		Temperature Reading						Chloride 300.0														Zn Acetate+NaOH Zn	
Total Containers.				Corrected Temperature.																				NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST												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							
5		6		JAV		6					

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 II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name:		Moutray SWD		Turn Around		Press. Code		ANALYSIS REQUEST										Preservative Codes				
Project Number	1009	☐ Routine	☒ Rush	Due Date	5 Days	Parameters		BTX 8021B			TPH 8015M (GRO + DRO + MRO)			Chloride 300.0			HOLD			None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM	CRM		TAT starts the day received by the lab if received by 4:30pm																Cool Cool	MeOH Me	
Sample's Name																					HCL HC	HNO ₃ HN
PO #:																					H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank.	Yes ☒ No	Wet Ice	Yes ☒ No															H ₃ PO ₄ HP		
Received Intact:		Yes No	Thermometer ID																	NaHSO ₄ NABIS		
Cooler Custody Seals		Yes No N/A	Correction Factor																	Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals		Yes No N/A	Temperature Reading																	Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature.																		NaOH+Ascorbic Acid SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont														Sample Comments	
T-7 (0-1')		3/29/2022		X		G	1	X	X	X	X											
T-7 (1')		3/29/2022		X		G	1	X	X	X	X											
T-7 (2')		3/29/2022		X		G	1	X	X	X	X											
T-7 (3')		3/29/2022		X		G	1	X	X	X	X											
T-8 (0-1')		3/29/2022		X		G	1	X	X	X	X											
T-8 (1')		3/29/2022		X		G	1	X	X	X	X											
T-8 (2')		3/29/2022		X		G	1	X	X	X	X											
T-8 (3')		3/29/2022		X		G	1	X	X	X	X											
T-9 (0-1')		3/29/2022		X		G	1	X	X	X	X											
T-9 (1')		3/29/2022		X		G	1	X	X	X	X											

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Donny my...</i>	<i>Robertus</i>	03/30/22			

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 II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Work Order No:

Page 5 of 8

Project Name						Turn Around		ANALYSIS REQUEST								Preservative Codes		
Project Number		Moutray SWD		1009		☐ Routine ☒ Rush		Pres. Code								None NO DI Water H ₂ O		
Project Location		Eddy Co. NM		Due Date		5 Days		TAT starts the day received by the lab if received by 4:30pm								Cool Cool MeOH Me		
Sampler's Name		CRM														HCL HC HNO ₃ HN		
PO #:																H ₂ SO ₄ H ₂ NaOH Na		
SAMPLE RECEIPT				Temp Blank	Yes No	Wet Ice	Yes No									H ₃ PO ₄ HP		
Received Intact:				Thermometer ID	Yes No											NaHSO ₄ NABIS		
Cooler Custody Seals				Correction Factor	Yes No											Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals				Temperature Reading	Yes No	N/A											Zn Acetate+NaOH Zn	
Total Containers				Corrected Temperature											NaOH+Ascorbic Acid SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B							Sample Comments			
								TPH 8015M (GRO + DRO + MRO)										
								Chloride 300.0										
T-9 (2')	3/29/2022	X	G	1	X	X	X											
T-9 (3')	3/29/2022	X	G	1	X	X	X											
T-10 (0-1')	3/29/2022	X	G	1	X	X	X											
T-10 (1')	3/29/2022	X	G	1	X	X	X											
T-10 (2')	3/29/2022	X	G	1	X	X	X											
T-10 (3')	3/29/2022	X	G	1	X	X	X											
T-11 (0-1')	3/29/2022	X	G	1	X	X	X											
T-11 (1')	3/29/2022	X	G	1	X	X	X											
T-11 (2')	3/29/2022	X	G	1	X	X	X											
T-11 (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>[Signature]</i>	<i>[Signature]</i>	03/30/22			

Project Manager	Commer 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 II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Work Order No: _____

Page 4 of 4

Project Name		Moutray SWD		Turn Around											
Project Number		1009		☐ Routine ☒ Rush		Pres. Code									
Project Location		Eddy Co. NM		Due Date		5 Days									
Sampler's Name:		CRM		TAT starts the day received by the lab, if received by 4:30pm											
PO #:															
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									
						Parameters									
						BTEX 8021B									
						H 8015M (GRO + DRO + MRO)									
						Chloride 300.0									
						HOLD									
						None NO									
						Cool Cool									
						HCL HC									
						H ₂ SO ₄ H ₂									
						H ₃ PO ₄ HP									
						NaHSO ₄ NABIS									
						Na ₂ S ₂ O ₃ NaSO ₃									
						Zn Acetate+NaOH Zn									
						NaOH+Ascorbic Acid SAPC									
						DI Water- H ₂ O									
						MeOH Me									
						HNO ₃ HN									
						NaOH Na									

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<i>Ben Myer</i>	<i>Ben Myer</i>	03/30/22			
		04/15			

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Work Order No: _____

Page 7 of 8

Project Manager	Conner Moehring	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@naglep.com

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

Project Name	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 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
							TPH												
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
<i>Conner Moehring</i>	<i>Joseph Vargo</i>	03/30/22			

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Work Order No: _____

Page 6 of 6

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permain
Address	310 W Wall St Ste 415	Address	866 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

Project Name		Moutray SWD	Turn Around	Prep. 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 #		Temp Blank	Yes No	Wet Ice	Yes No												H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		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			

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	Due Date	5 Days												None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM																Cool Cool	MeOH Me	
Sampler's Name	CRM																HCL HC	HNO ₃ HN	
PO #:				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	Parameters										HOLD		
Received Intact.		Yes No		Thermometer ID			BTEX 8021B												
Cooler Custody Seals		Yes No N/A		Correction Factor			TPH 8015M (GRO + DRO + MRO)												
Sample Custody Seals		Yes No N/A		Temperature Reading			Chloride 300.0												
Total Containers						Corrected Temperature													
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
S-2 (0-1')		3/29/2022		X		G	1	X	X	X									
S-2 (1 5')		3/29/2022		X		G	1	X	X	X									
S-2 (2')		3/29/2022		X		G	1	X	X	X									
S-2 (3')		3/29/2022		X		G	1	X	X	X									
S-2 (4')		3/29/2022		X		G	1	X	X	X									
S-3 (0-1')		3/29/2022		X		G	1	X	X	X									
S-3 (1 5')		3/29/2022		X		G	1	X	X	X									
S-3 (2')		3/29/2022		X		G	1	X	X	X									
S-3 (3')		3/29/2022		X		G	1	X	X	X									
S-4 (0-1')		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			

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:

Page 8 of 9

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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	

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