

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

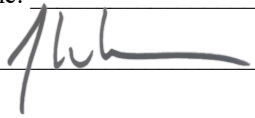
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ 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: 08/16/2022

CARMONA RESOURCES



SITE INFORMATION

**Deferment Report
McCloy Pond
Incident # NAPP2203551328
Lea County, New Mexico
Unit O Sec 15 T24S R32E
32.211639°, -103.660244°**

**Produced Water Release
Point of Release: 2" ball valve left open
Release Date: 02/03/2022
Volume Released: 50 barrels of Produced Water
Volume Recovered: 45 barrels of Produced Water**

CARMONA RESOURCES



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

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

310 West Wall Street, Suite 415
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/TRENCHING ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

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

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	INITIAL C-141 AND FINAL/NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS

August 15, 2022

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

**Re: Deferment Report
McCloy Pond
NGL Energy Partners, LLC
Incident # NAPP2203551328
Site Location: Unit O, S15, T24S, R32E
(Lat 32.211639°, Long -103.660244°)
Lea County, New Mexico**

To whom it may concern:

On behalf of NGL Energy Partners (NGL), Carmona Resource, LLC has prepared this letter to document site assessment activities for the McCloy Pond. The site is located at 32.211639°, -103.660244° within Unit O S15, T24S, R32E in Lea 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 3, 2022, caused by a 2" ball valve left open. 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 pipeline right of way and measured approximately 245' x 45', as shown in Figure 3. The initial C-141 form is attached in Appendix C.

On May 4, 2020, the OCD approved the remediation plan with a variance to collect composite confirmation sidewall and bottom hole floor samples every 400 square feet. On August 1, 2022, the OCD approved the remediation plan with an extension date of September 2, 2022.

2.0 Site Characterization and Groundwater

The site is located within a low 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 1.01 miles North of the site in S10, T24S, R32E and was drilled in 2010. The well has a reported depth to groundwater of 33.96' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On February 10, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) sample points and seven (7) horizontal samples were advanced to depths ranging from the surface to 5.5' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

None of the samples analyzed at S-2, S-3, S-4, and S-5 showed benzene, total BTEX, or TPH concentrations above the regulatory limits. The area of S-1 had a high TPH concentration of 369 mg/kg at the surface to 1.0' bgs, then declined with depth. The areas of S-1, S-2, S-4, and S-5 showed high chloride concentrations ranging from 701 mg/kg to 13,400 mg/kg. During the initial assessment, vertical delineation was not achieved. See Table 1 for the analytical results.

Horizontal Delineation

The areas of H-1 through H-7 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1

Trenches

On March 28, 2022, Carmona Resources personnel were on site to vertically define the release via backhoe. A total of four (4) trenches (T-1 through T-4) were installed to total depths ranging from surface to 11.0' below the surface. Soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Vertical delineation was achieved for all areas. The sampling results are summarized in Table 1; see Figure 3 for the sample locations.

5.0 Remediation Activities

Carmona Resources personnel were onsite from July 25, 2022, through August 2, 2022, to supervise the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on July 25, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. All areas were excavated to the proper depths to remove all impacted soils. A total of twenty-five (25) confirmation floor samples were collected (CS-1 through CS-25), and fifty-one (51) sidewall samples (SW-1 through SW-51) were collected every 400 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sampling results are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.



The areas of sidewall samples (SW-40, SW-42, SW-43, SW-44, SW-45, SW-46, SW-48, and SW-49) showed high chloride concentrations ranging from 772 mg/kg to 2,010 mg/kg. Refer to Table 2 and Figure 4 (Support/Pillars).

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,640 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the area, safety, and support of the active 24" polyline, NGL requests to defer the chloride impact from areas under the polyline until the polyline is removed. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

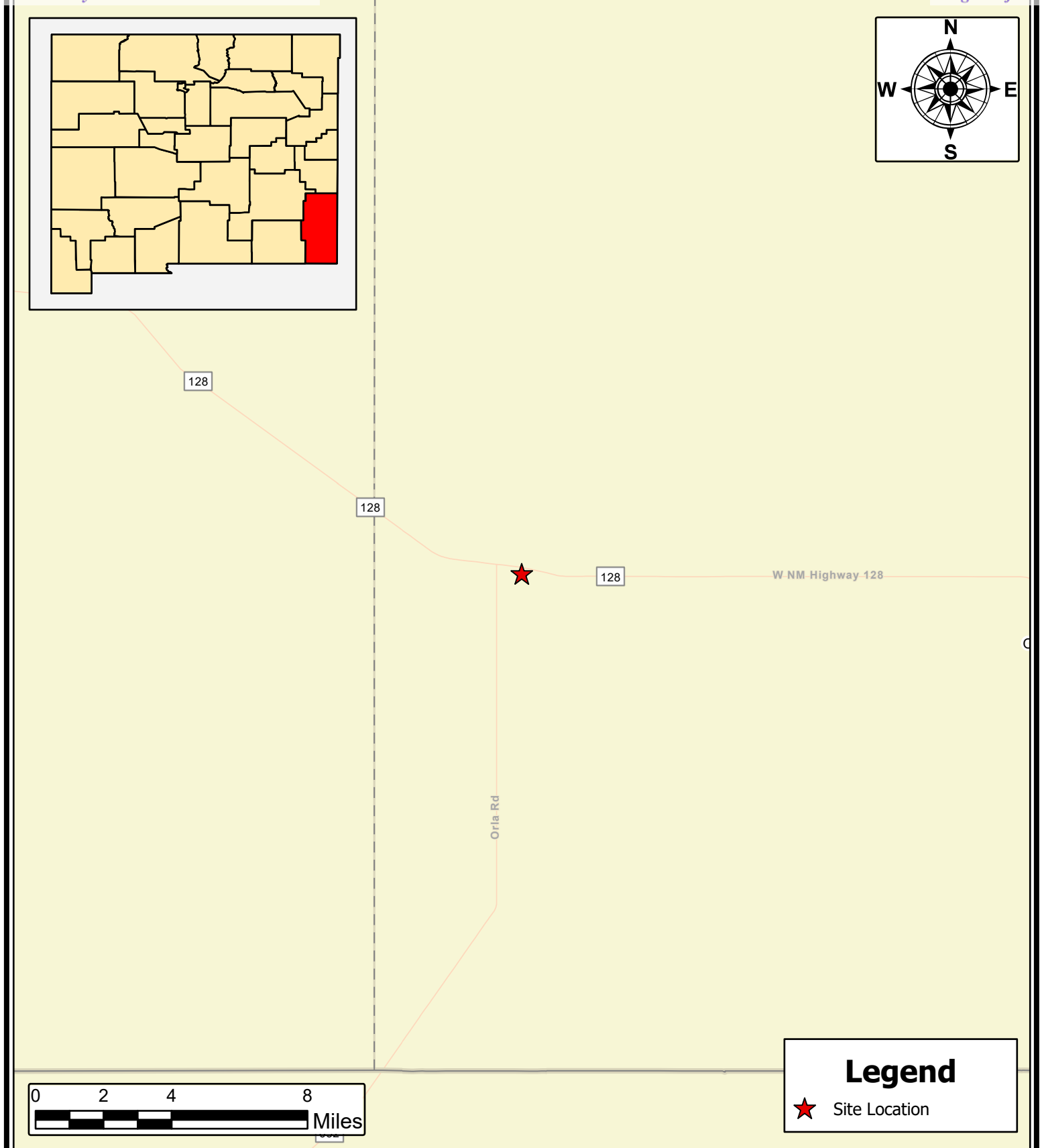
Conner Moehring
Sr. Project Manager

Ashton Thielke
Sr. Project Manager

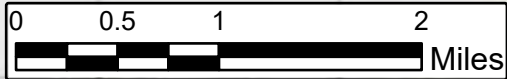
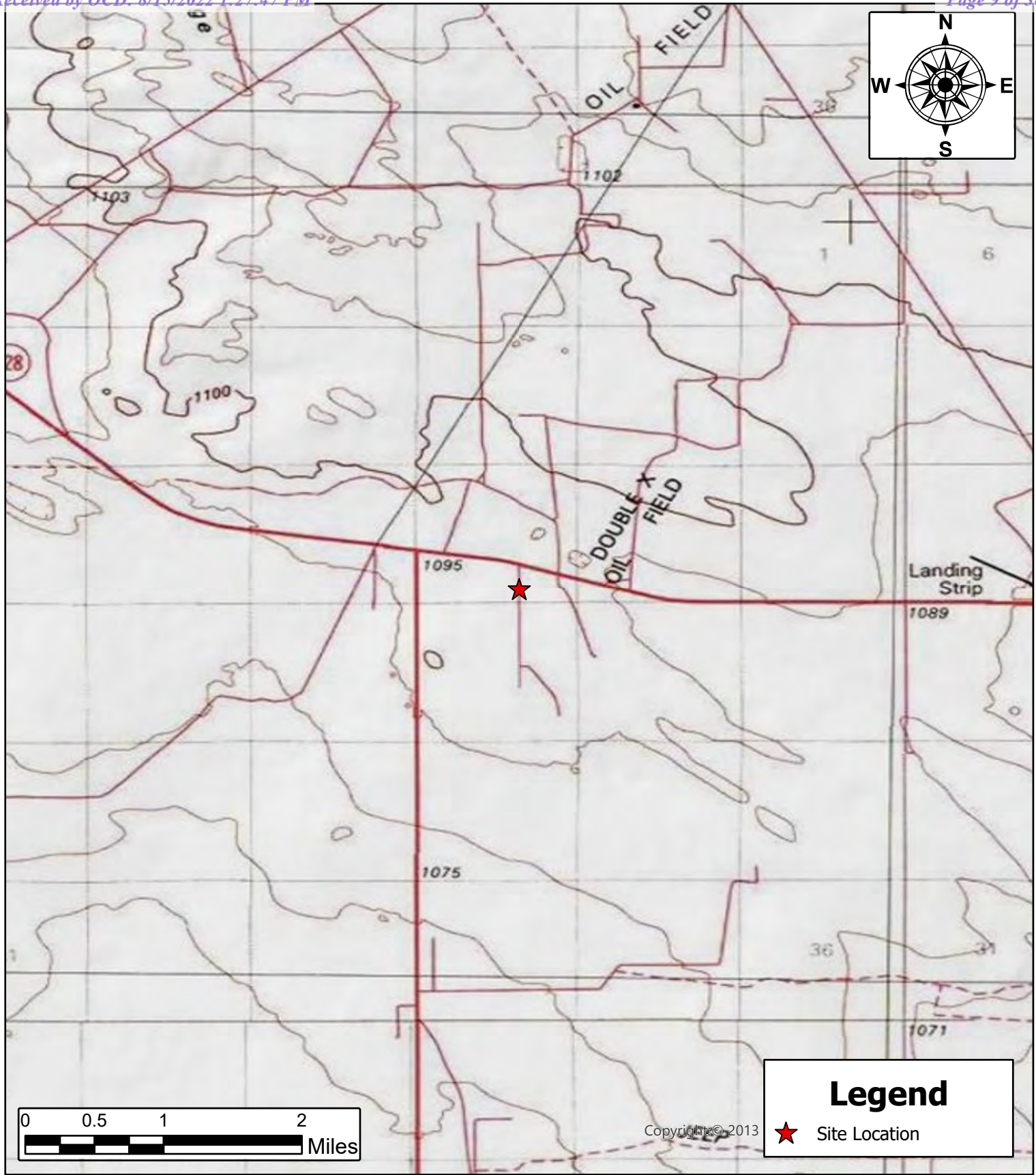
FIGURES

CARMONA RESOURCES





OVERVIEW MAP NGL ENERGY PARTNERS MCCLOY POND LEA COUNTY, NEW MEXICO 32.211639 -103.660244	Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER: FIGURE 1
SCALE: As Shown	Date: 4/7/2022		SHEET NUMBER: 1 of 1



Legend

★ Site Location

Copyright © 2013

TOPOGRAPHIC MAP
NGL ENERGY PARTNERS
MCCLOY POND
LEA COUNTY, NEW MEXICO
32.211639 -103.660244

SCALE: As Shown Date: 4/7/2022

CARMONA RESOURCES 

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

NOTES:

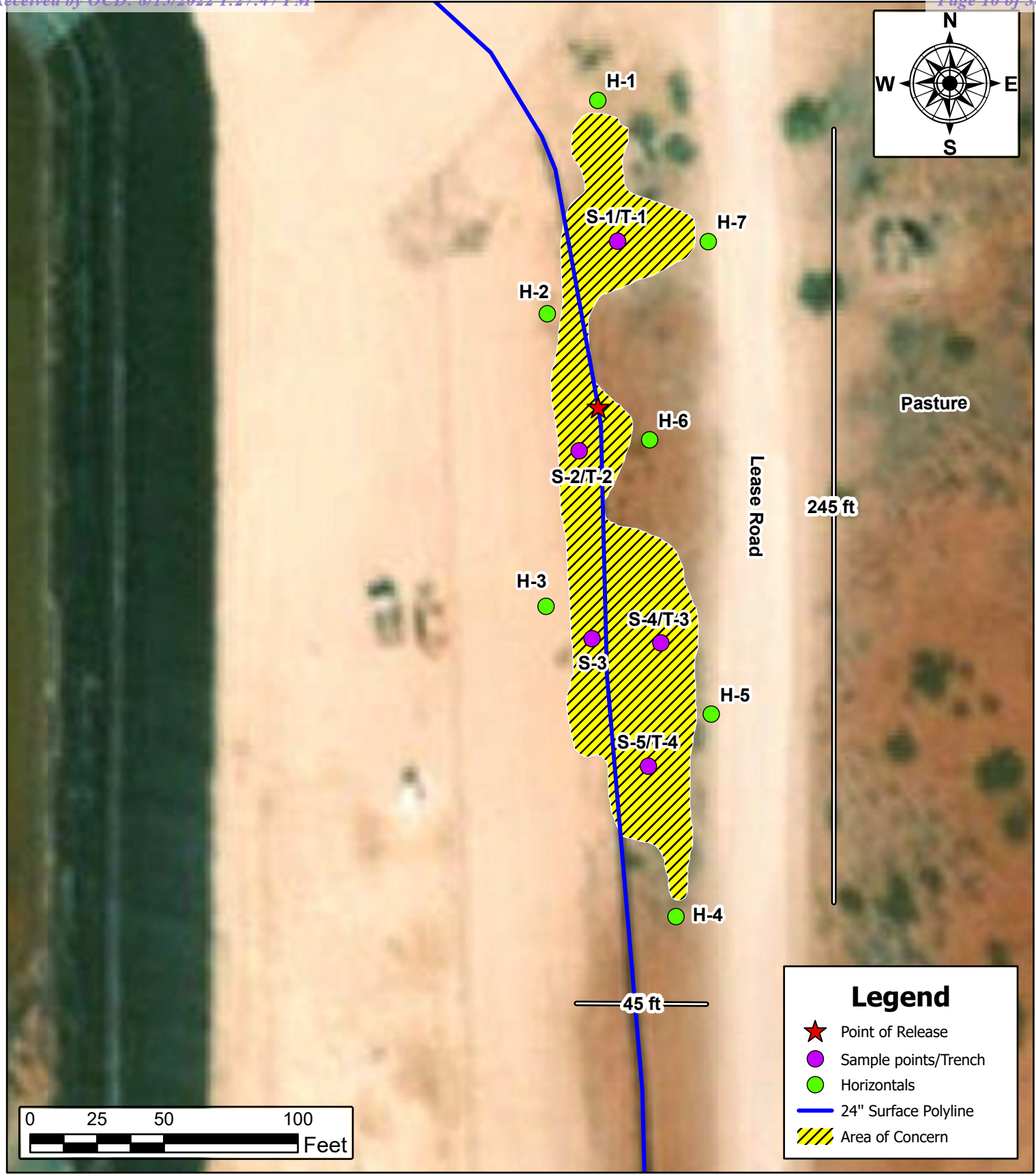
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



Legend

- ★ Point of Release
- Sample points/Trench
- Horizontal
- 24" Surface Polyline
- ▨ Area of Concern

SAMPLE LOCATION MAP
NGL ENERGY PARTNERS
McCLOY POND
LEA COUNTY, NEW MEXICO
32.211639 -103.660244

SCALE: As Shown Date: 4/8/2022


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

NOTES:

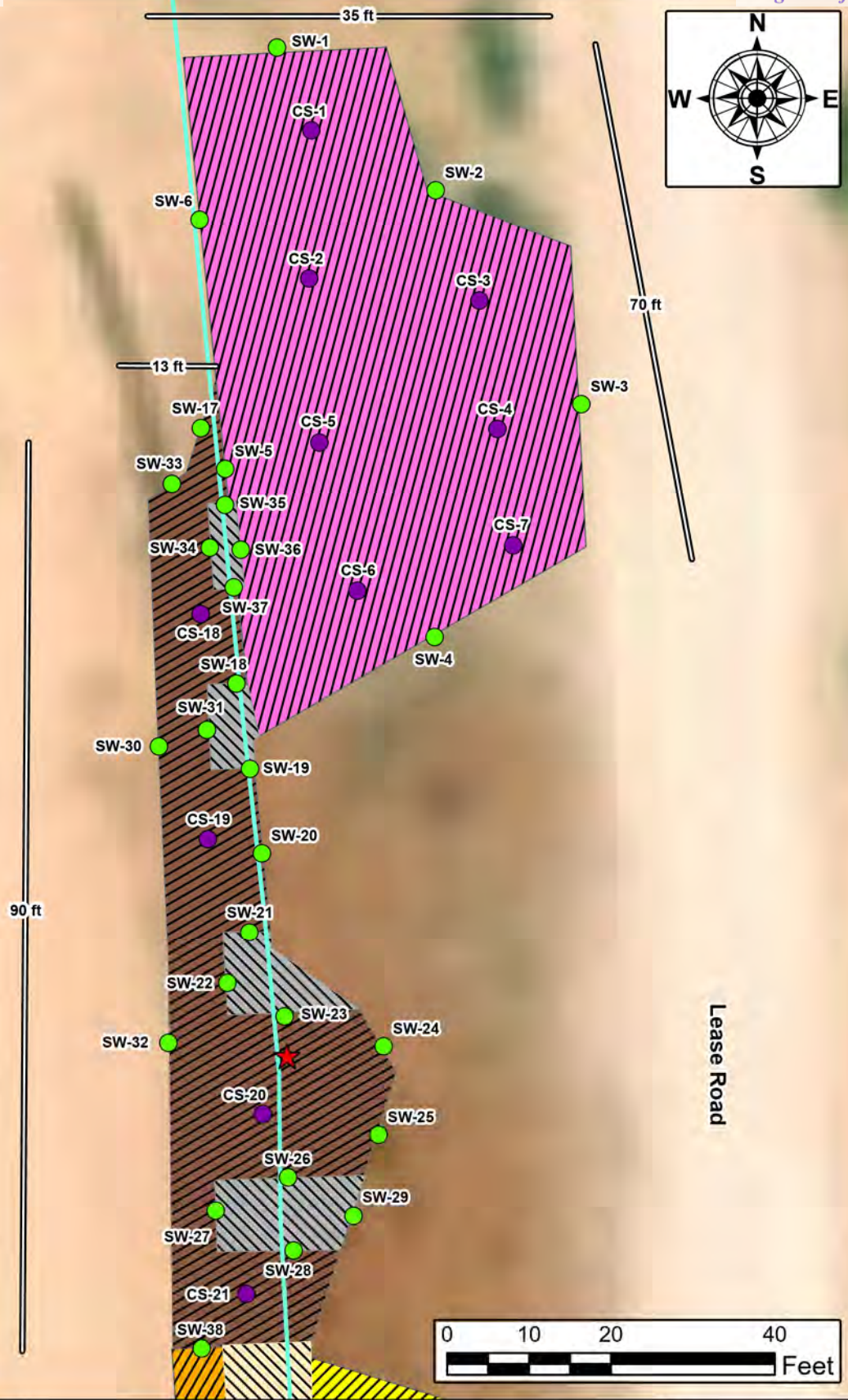
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 3

SHEET NUMBER:
1 of 1



Maxar, Microsoft



Legend

- ★ Point of Release
- Confirmation Samples
- Sidewall Samples
- 24" Surface Poly Line
- 11.0 ft Excavation
- 2.5 ft Excavation
- 4.0 ft Excavation
- 6.0 ft Excavation
- Support/Pillars
- Support/Pillars (Area of Deferment)

EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
MCCLOY POND
LEA COUNTY, NEW MEXICO
32.211639, -103.660244

SCALE: As Shown

Date: 8/12/2022



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

NOTES:

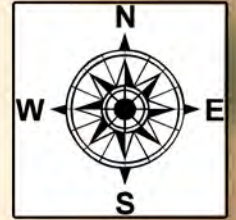
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 2



70 ft

Pad

Pasture

52 ft

65 ft

Lease Road

30 ft

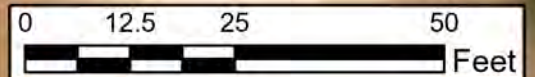
10 ft

13 ft

37 ft

Legend

- Confirmation Samples
- Sidewall Samples
- 24" Surface Poly Line
- 11.0 ft Excavation
- 2.5 ft Excavation
- 4.0 ft Excavation
- 7.5 ft Excavation
- Support/Pillars
- Support/Pillars (Area of Deferment)



EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
 MCCLOY POND
 LEA COUNTY, NEW MEXICO
 32.211639, -103.660244

SCALE: As Shown

Date: 8/12/2022



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

2 of 2

APPENDIX A

CARMONA RESOURCES



Table 1
NGL Water Solutions Permian
McCloy Pond
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	2/10/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	29.7
H-2	2/10/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	26.2
H-3	2/10/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	32.5
H-4	2/10/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00398	<0.00398	17.0
H-5	2/10/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.5
H-6	2/10/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	21.2
H-7	2/10/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	35.9
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

H - Horizontal

Table 2
NGL Water Solutions Permian
McCloy Pond
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.8
CS-2	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.1
CS-3	7/27/2022	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	14.2
CS-4	7/27/2022	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.3
CS-5	7/27/2022	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.8
CS-6	7/27/2022	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.7
CS-7	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.0
CS-8	7/27/2022	11.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	26.3
CS-9	7/27/2022	11.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	15.5
CS-10	7/27/2022	11.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.1
CS-11	7/27/2022	11.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	282
CS-12	7/27/2022	11.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	196
CS-13	7/28/2022	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.3
CS-14	7/28/2022	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	45.0
CS-15	7/28/2022	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	29.1
CS-16	7/28/2022	7.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	15.9
CS-17	7/28/2022	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	46.9
CS-18	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	526
CS-19	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.5
CS-20	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.2
CS-21	7/29/2022	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.7
CS-22	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	296
CS-23	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	421
CS-24	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	302
CS-25	8/1/2022	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	454
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

CS - Confirmation Sample

Table 2
NGL Water Solutions Permian
McCloy Pond
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	32.4
SW-2	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.1
SW-3	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.0
SW-4	7/27/2022	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.5
SW-5	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	43.6
SW-6	7/27/2022	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	10.2
SW-7	7/27/2022	11.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	356
SW-8	7/27/2022	11.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	457
SW-9	7/27/2022	11.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	396
SW-10	7/27/2022	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	504
SW-11	7/27/2022	9'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	319
SW-12	7/27/2022	9'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	262
SW-13	7/28/2022	7.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	364
SW-14	7/28/2022	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	305
SW-15	7/28/2022	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	421
SW-16	7/28/2022	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	58.3
SW-17	7/28/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.4
SW-18	7/29/2022	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	37.9
SW-19	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	47.8
SW-20	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.0
SW-21	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	45.8
SW-22	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	210
SW-23	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	84.2
SW-24	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	115
SW-25	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	13.6
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

SW - Sidewall

Table 2
NGL Water Solutions Permian
McCloy Pond
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-26	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7.62
SW-27	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.8
SW-28	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.1
SW-29	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	99.6
SW-30	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	353
SW-31	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.1
SW-32	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.49
SW-33	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	165
SW-34	7/29/2022	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	215
SW-35	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.9
SW-36	7/29/2022	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00370	<0.00200	<0.00399	<0.00399	138
SW-37	7/29/2022	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.3
SW-38	7/29/2022	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.77
SW-39	7/29/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.6
SW-40	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,850
SW-41	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.6
SW-42	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,010
SW-43	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,810
SW-44	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	0.0137	0.0137	772
SW-45	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,880
SW-46	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,930
SW-47	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	277
SW-48	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,640
SW-49	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,630
SW-50	8/1/2022	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	25.4
SW-51	8/1/2022	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	47.6
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

SW - Sidewall

Exceeds

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 1

Facility: McCloy Pond

County: Lea County, New Mexico

Description:

View South, of excavation area.



Photograph No. 2

Facility: McCloy Pond

County: Lea County, New Mexico

Description:

View Southeast, of excavation area.



Photograph No. 3

Facility: McCloy Pond

County: Lea County, New Mexico

Description:

View Northeast, of excavation area.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: McCloy Pond

County: Lea County, New Mexico

Description:

View South, area of excavation.



Photograph No. 5

Facility: McCloy Pond

County: Lea County, New Mexico

Description:

View Northwest, area of excavation.



Photograph No. 6

Facility: McCloy Pond

County: Lea County, New Mexico

Description:

View Northeast, of excavation area.



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	nAPP2203551328
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)	nAPP2203551328
Contact mailing address	865 N. Albion Street, Suite 400, Denver, CO 80220		

Location of Release Source

Latitude 32.21076 Longitude -103.66166
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	McCloy Pond	Site Type	Water Pit
Date Release Discovered	2.3.2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
O	15	24S	32E	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) 50	Volume Recovered (bbls) 45
	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

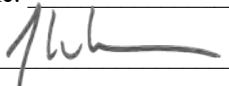
2" ball valve positioned on a piping saddle was inadvertently left in the open position. Once water began transferring, the open valve released 50 bbls onto the ground outside containment before it was stopped.

Incident ID	nAPP2203551328
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? More than 25 bbls released
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, NOV was filed within 24 hours	

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: Joseph Vargo	Title: Regulatory Director
Signature: 	Date: 2.4.2022
email: Joseph.Vargo@nglep.com	Telephone: (303) 815-1010
<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.

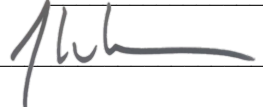
State of New Mexico
Oil Conservation Division

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: Jocelyn Harimon Date: 08/15/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

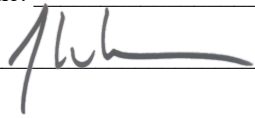
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled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

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

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

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

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: Nobui, Jennifer, EMNRD
Sent: Monday, July 25, 2022 12:13 PM
To: Mike Carmona
Cc: Bratcher, Mike, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD
Subject: FW: [EXTERNAL] NGL McCloy Pond Sampling Notification/NAPP2203551328

Mike

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

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Monday, July 25, 2022 11:00 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] NGL McCloy Pond Sampling Notification/NAPP2203551328

From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Monday, July 25, 2022 10:22 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Joe Vargo <Joseph.Vargo@nglep.com>; Cole Lane <Cole.Lane@nglep.com>; Conner Moehring <Cmoehring@carmonaresources.com>
Subject: [EXTERNAL] NGL McCloy Pond Sampling Notification/NAPP2203551328

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

Good Morning,

On behalf of NGL, Carmona Resources will be collecting confirmation samples at the below-referenced site on 07/27/22 around 10:30 a.m. Mountain Time. Please let me know if you have any questions.

NGL McCloy Pond
Incident Number- NAPP2203551328
Lea County, New Mexico

Mike J. Carmona

310 West Wall Street, Suite 415

From: Nobui, Jennifer, EMNRD
Sent: Monday, August 1, 2022 10:50 AM
To: Conner Moehring
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] NGL - McCloy Pond Extension Request - Incident # nAPP2203551328

Conner

Your request for an extension is approved for **September 2, 2022** to submit a closure report. Please include this e-mail correspondence in the remediation and/or closure report.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Monday, August 1, 2022 9:35 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] NGL - McCloy Pond Extension Request - Incident # nAPP2203551328

From: Conner Moehring <Cmoehring@carmonaresources.com>
Sent: Monday, August 1, 2022 9:33 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Joe Vargo <Joseph.Vargo@nglep.com>; Cole Lane <Cole.Lane@nglep.com>; Mike Carmona <Mcarmona@carmonaresources.com>
Subject: [EXTERNAL] NGL - McCloy Pond Extension Request - Incident # nAPP2203551328

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

Good Morning,

This correspondence is to request an extension for the produced water release at the NGL – McCloy Pond site, Incident # nAPP2203551328, in Lea County, New Mexico. The extension request is for an additional 14 days to complete the remediation around 24" active polyline. All areas will be excavated by 8/2/22, we will be pending lab results and backfill. Please let us know if you have any questions regarding this site.

Conner R. Moehring
310 West Wall Street, Suite 415
Midland Texas, 79701
M: 432-813-6823

APPENDIX D

CARMONA RESOURCES



Nearest water well

NGL - McCloy Pond

Legend

- 0.50 Mile Radius
- 1.01 Miles
- 2.11 Miles
- 2.20 Miles
- USGS Water Well
- McCloy Pond
- NMSEO Water Well

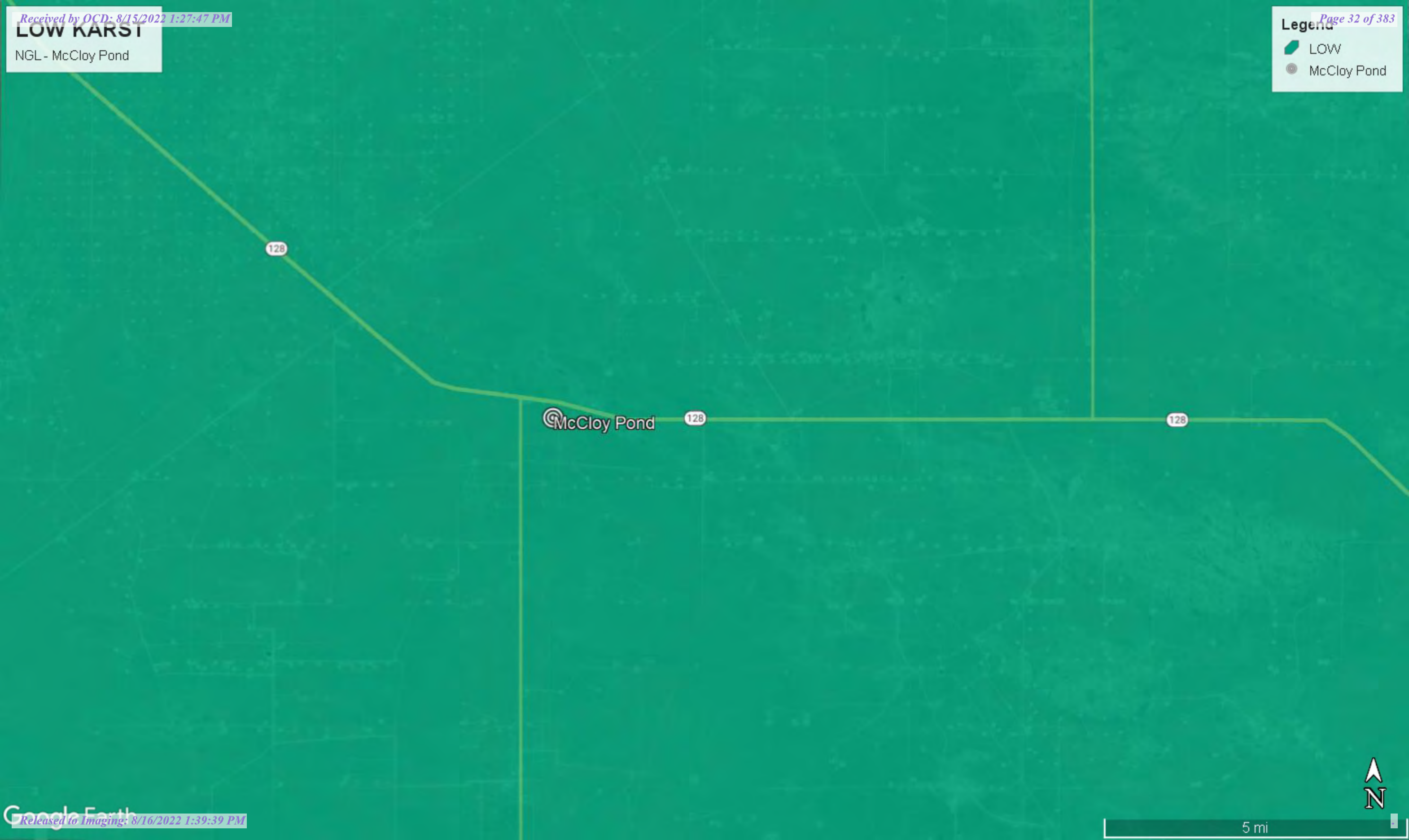


LOW KARST

NGL - McCloy Pond

Legend

- LOW
- McCloy Pond





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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01932	C	ED		3	1	12	24S	32E		628633	3567188*	492		
C 02350	CUB	ED		4	3	10	24S	32E		625826	3566333*	60		
C 03527 POD1	C	LE		1	2	3	03	24S	32E	625770	3568487	500		
C 03528 POD1	C	LE		1	1	2	15	24S	32E	626040	3566129	541		
C 03530 POD1	C	LE		3	4	3	07	24S	32E	620886	3566156	550		
C 03555 POD1	C	LE		2	2	1	05	24S	32E	622748	3569233	600	380	220
C 04536 POD1	C	LE		1	2	2	33	24S	32E	625019	3561244	500	314	186

Average Depth to Water: **347 feet**

Minimum Depth: **314 feet**

Maximum Depth: **380 feet**

Record Count: 7

PLSS Search:

Township: 24S

Range: 32E

*UTM location was derived from PLSS - see Help

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2/9/22 9:07 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321312103395601

Minimum number of levels = 1

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USGS 321312103395601 24S.32E.10.344333

Lea County, New Mexico

Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83

Land-surface elevation 3,589.00 feet above NGVD29

The depth of the well is 60 feet below land surface.

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1950-04-13			D 62610		3555.36	NGVD29	1		Z	
1950-04-13			D 62611		3557.09	NAVD88	1		Z	
1950-04-13			D 72019	33.64			1		Z	
1955-06-03			D 62610		3557.10	NGVD29	3		Z	
1955-06-03			D 62611		3558.83	NAVD88	3		Z	
1955-06-03			D 72019	31.90			3		Z	
1976-01-22			D 62610		3557.20	NGVD29	1		Z	
1976-01-22			D 62611		3558.93	NAVD88	1		Z	
1976-01-22			D 72019	31.80			1		Z	
1981-03-20			D 62610		3569.07	NGVD29	1		Z	
1981-03-20			D 62611		3570.80	NAVD88	1		Z	
1981-03-20			D 72019	19.93			1		Z	
1986-03-18			D 62610		3551.84	NGVD29	1		Z	
1986-03-18			D 62611		3553.57	NAVD88	1		Z	

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
1986-03-18			D	72019	37.16		1	Z		
1991-05-29			D	62610	3549.36	NGVD29	1	Z		
1991-05-29			D	62611	3551.09	NAVD88	1	Z		
1991-05-29			D	72019	39.64		1	Z		
1996-03-14			D	62610	3550.80	NGVD29	1	S		
1996-03-14			D	62611	3552.53	NAVD88	1	S		
1996-03-14			D	72019	38.20		1	S		
2001-02-27			D	62610	3552.42	NGVD29	1	S		
2001-02-27			D	62611	3554.15	NAVD88	1	S		
2001-02-27			D	72019	36.58		1	S		
2006-02-07	16:30 UTC		m	62610	3569.60	NGVD29	1	S		USGS
2006-02-07	16:30 UTC		m	62611	3571.33	NAVD88	1	S		USGS
2006-02-07	16:30 UTC		m	72019	19.40		1	S		USGS
2010-12-16	22:30 UTC		m	62610	3555.04	NGVD29	1	S		USGS
2010-12-16	22:30 UTC		m	62611	3556.77	NAVD88	1	S		USGS
2010-12-16	22:30 UTC		m	72019	33.96		1	S		USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=321312103395601&agency_cd=USGS&format=html)

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0.28 0.23 nadww01





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Data Category: Groundwater
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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321428103395801

Minimum number of levels = 1

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

USGS 321428103395801 24S.32E.03.32124

Lea County, New Mexico

Latitude 32°14'28", Longitude 103°39'58" NAD27

Land-surface elevation 3,653 feet above NAVD88

The depth of the well is 550 feet below land surface.

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

This well is completed in the Santa Rosa Sandstone (231SNRS) 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
1976-01-22			D	62610	3196.84	NGVD29	1		Z	
1976-01-22			D	62611	3198.57	NAVD88	1		Z	
1976-01-22			D	72019	454.43		1		Z	

Explanation

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

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

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



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Page Last Modified: 2022-02-09 11:11:45 EST
0.27 0.23 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20E37	C 04536 POD1	1	2	2	33	24S	32E	625019	3561244

Driller License: 1706

Driller Company: ELITE DRILLERS CORPORATION

Driller Name: BRYCE WALLACE

Drill Start Date: 06/09/2021

Drill Finish Date: 06/10/2021

Plug Date:

Log File Date: 06/21/2021

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 4 GPM

Casing Size: 4.30

Depth Well: 500 feet

Depth Water: 314 feet

Water Bearing Stratifications:

Top Bottom Description

235 480 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

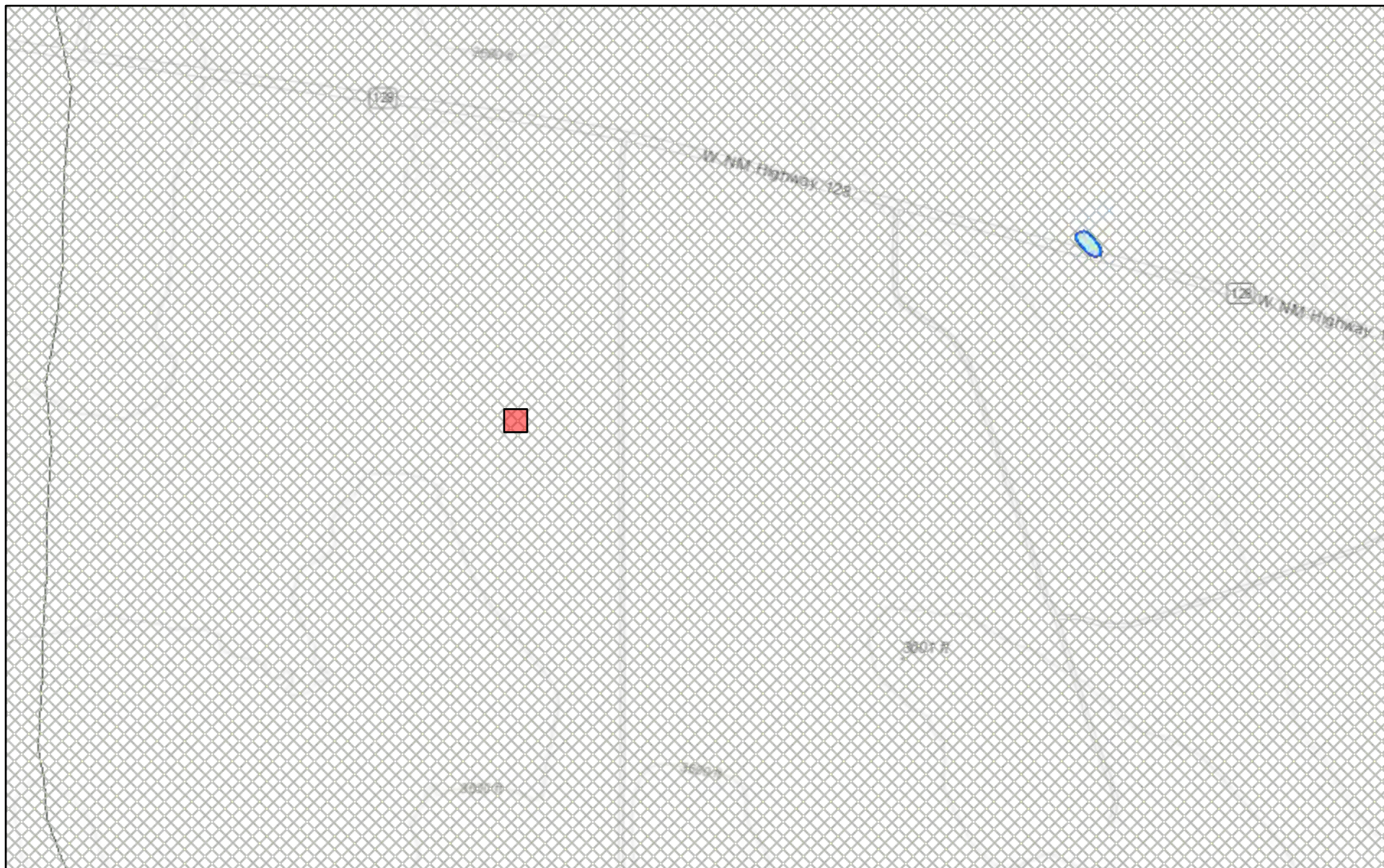
300 500

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.

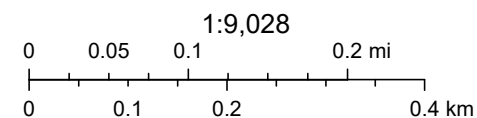
2/9/22 9:21 AM

POINT OF DIVERSION SUMMARY

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: 880-11196-1
Laboratory Sample Delivery Group: Lea Co NM
Client Project/Site: McCloy Pond

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

Attn: Conner Moehring

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

Authorized for release by:
2/17/2022 4:37:40 PM

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

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

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

Client: Carmona Resources
Project/Site: McCloy Pond

Laboratory Job ID: 880-11196-1
SDG: Lea Co NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	34
QC Sample Results	37
QC Association Summary	46
Lab Chronicle	55
Certification Summary	67
Method Summary	68
Sample Summary	69
Chain of Custody	70
Receipt Checklists	74

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Job ID: 880-11196-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-11196-1**

Receipt

The samples were received on 2/11/2022 11:13 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-19124 and analytical batch 880-19117 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (1.5') (880-11196-6), S-3 (1.5') (880-11196-11), S-3 (2.0') (880-11196-12), S-4 (1.5') (880-11196-16) and (880-11196-A-1-D MS). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-19131 and analytical batch 880-19282 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28)

Method 8015MOD_NM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-19131 and analytical batch 880-19282 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-5 (3.5') (880-11196-27), S-5 (4.0') (880-11196-28), H-2 (0-0.5') (880-11196-32), H-3 (0-0.5') (880-11196-33), H-4 (0-0.5') (880-11196-34) and H-5 (0-0.5') (880-11196-35). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-19129 and analytical batch 880-19245 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-11196-A-1-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-19179 and 880-19179 and analytical batch 880-19425 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-19180 and 880-19180 and analytical batch 880-19413 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Case Narrative

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Job ID: 880-11196-1 (Continued)

Laboratory: Eurofins Midland (Continued)

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-1

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:17	1
Toluene	0.0152	F1 F2	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:17	1
Ethylbenzene	0.00289	F1	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:17	1
m-Xylene & p-Xylene	0.0498	F2	0.00397		mg/Kg		02/12/22 08:00	02/13/22 07:17	1
o-Xylene	0.0247		0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:17	1
Xylenes, Total	0.0745		0.00397		mg/Kg		02/12/22 08:00	02/13/22 07:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/12/22 08:00	02/13/22 07:17	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/12/22 08:00	02/13/22 07:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0965		0.00397		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	369		50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 21:12	1
Diesel Range Organics (Over C10-C28)	369	F1	50.0		mg/Kg		02/11/22 11:51	02/13/22 21:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				02/11/22 11:51	02/13/22 21:12	1
o-Terphenyl	93		70 - 130				02/11/22 11:51	02/13/22 21:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5710	F1	50.0		mg/Kg			02/14/22 18:52	10

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-11196-2

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/22 08:00	02/13/22 07:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 07:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/22 08:00	02/13/22 07:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/12/22 08:00	02/13/22 07:38	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/12/22 08:00	02/13/22 07:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-11196-2

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0137		0.00396		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 22:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 22:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				02/11/22 11:51	02/13/22 22:13	1
o-Terphenyl	77		70 - 130				02/11/22 11:51	02/13/22 22:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4800		25.0		mg/Kg			02/14/22 19:21	5

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-11196-3

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 07:58	1
Toluene	0.00377		0.00200		mg/Kg		02/12/22 08:00	02/13/22 07:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 07:58	1
m-Xylene & p-Xylene	0.0134		0.00400		mg/Kg		02/12/22 08:00	02/13/22 07:58	1
o-Xylene	0.00419		0.00200		mg/Kg		02/12/22 08:00	02/13/22 07:58	1
Xylenes, Total	0.0176		0.00400		mg/Kg		02/12/22 08:00	02/13/22 07:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/12/22 08:00	02/13/22 07:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/12/22 08:00	02/13/22 07:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0214		0.00400		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 22:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-11196-3

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				02/11/22 11:51	02/13/22 22:34	1
o-Terphenyl	90		70 - 130				02/11/22 11:51	02/13/22 22:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8980		49.8		mg/Kg			02/14/22 19:30	10

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-11196-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 08:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 08:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 08:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 08:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 08:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/12/22 08:00	02/13/22 08:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/12/22 08:00	02/13/22 08:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 22:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 22:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 22:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/11/22 11:51	02/13/22 22:54	1
o-Terphenyl	86		70 - 130				02/11/22 11:51	02/13/22 22:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4560		24.8		mg/Kg			02/14/22 19:40	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-5

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 08:39	1
Toluene	0.00348		0.00200		mg/Kg		02/12/22 08:00	02/13/22 08:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 08:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 08:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 08:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 08:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/12/22 08:00	02/13/22 08:39	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/12/22 08:00	02/13/22 08:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 23:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 23:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/13/22 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/11/22 11:51	02/13/22 23:15	1
o-Terphenyl	86		70 - 130				02/11/22 11:51	02/13/22 23:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7170		24.8		mg/Kg			02/14/22 19:49	5

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-11196-6

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 08:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 08:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 08:59	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/12/22 08:00	02/13/22 08:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 08:59	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/12/22 08:00	02/13/22 08:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				02/12/22 08:00	02/13/22 08:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130				02/12/22 08:00	02/13/22 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-11196-6

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 23:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 23:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				02/11/22 11:51	02/13/22 23:35	1
o-Terphenyl	86		70 - 130				02/11/22 11:51	02/13/22 23:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4080		24.9		mg/Kg			02/14/22 20:18	5

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-11196-7

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 09:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 09:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/12/22 08:00	02/13/22 09:20	1
1,4-Difluorobenzene (Surr)	112		70 - 130				02/12/22 08:00	02/13/22 09:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 23:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 23:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-11196-7

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				02/11/22 11:51	02/13/22 23:56	1
o-Terphenyl	90		70 - 130				02/11/22 11:51	02/13/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4580		24.8		mg/Kg			02/14/22 20:28	5

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-11196-8

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/22 08:00	02/13/22 09:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 09:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/22 08:00	02/13/22 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/12/22 08:00	02/13/22 09:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/12/22 08:00	02/13/22 09:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 00:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 00:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/11/22 11:51	02/14/22 00:16	1
o-Terphenyl	83		70 - 130				02/11/22 11:51	02/14/22 00:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7710		49.9		mg/Kg			02/14/22 20:37	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-11196-9

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 10:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 10:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 10:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 10:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 10:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 10:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/12/22 08:00	02/13/22 10:01	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/12/22 08:00	02/13/22 10:01	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			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 00:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 00:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	02/11/22 11:51	02/14/22 00:37	1
o-Terphenyl	91		70 - 130	02/11/22 11:51	02/14/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10800		50.4		mg/Kg			02/14/22 20:47	10

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

Lab Sample ID: 880-11196-10

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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		02/12/22 08:00	02/13/22 10:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/22 08:00	02/13/22 10:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/22 08:00	02/13/22 10:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/22 08:00	02/13/22 10:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/22 08:00	02/13/22 10:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/22 08:00	02/13/22 10:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/22 08:00	02/13/22 10:21	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/12/22 08:00	02/13/22 10:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-10

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 00:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 00:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				02/11/22 11:51	02/14/22 00:57	1
o-Terphenyl	84		70 - 130				02/11/22 11:51	02/14/22 00:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9400		50.0		mg/Kg			02/14/22 20:56	10

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-11196-11

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 11:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 11:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 11:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 11:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 11:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/12/22 08:00	02/13/22 11:44	1
1,4-Difluorobenzene (Surr)	157	S1+	70 - 130				02/12/22 08:00	02/13/22 11:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 01:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 01:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-11196-11

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/11/22 11:51	02/14/22 01:38	1
o-Terphenyl	83		70 - 130				02/11/22 11:51	02/14/22 01:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2720	F1	25.0		mg/Kg			02/14/22 21:06	5

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-11196-12

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 12:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				02/12/22 08:00	02/13/22 12:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/12/22 08:00	02/13/22 12:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 01:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 01:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/11/22 11:51	02/14/22 01:59	1
o-Terphenyl	84		70 - 130				02/11/22 11:51	02/14/22 01:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		4.99		mg/Kg			02/14/22 21:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-11196-13

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 12:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	02/12/22 08:00	02/13/22 12:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/12/22 08:00	02/13/22 12:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 02:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 02:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	02/11/22 11:51	02/14/22 02:19	1
o-Terphenyl	104		70 - 130	02/11/22 11:51	02/14/22 02:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.1		4.98		mg/Kg			02/14/22 21:44	1

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-11196-14

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 12:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/12/22 08:00	02/13/22 12:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/12/22 08:00	02/13/22 12:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-11196-14

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 02:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 02:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				02/11/22 11:51	02/14/22 02:40	1
o-Terphenyl	68	S1-	70 - 130				02/11/22 11:51	02/14/22 02:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.01		mg/Kg			02/14/22 22:13	1

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

Lab Sample ID: 880-11196-15

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:06	1
Toluene	0.0105		0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:06	1
m-Xylene & p-Xylene	0.00573		0.00404		mg/Kg		02/12/22 08:00	02/13/22 13:06	1
o-Xylene	0.00275		0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:06	1
Xylenes, Total	0.00848		0.00404		mg/Kg		02/12/22 08:00	02/13/22 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/12/22 08:00	02/13/22 13:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/12/22 08:00	02/13/22 13:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0103		0.00404		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-15

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/11/22 11:51	02/14/22 03:00	1
o-Terphenyl	81		70 - 130				02/11/22 11:51	02/14/22 03:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3670		24.9		mg/Kg			02/14/22 22:22	5

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-11196-16

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/22 08:00	02/13/22 13:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/22 08:00	02/13/22 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				02/12/22 08:00	02/13/22 13:27	1
1,4-Difluorobenzene (Surr)	118		70 - 130				02/12/22 08:00	02/13/22 13:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/11/22 11:51	02/14/22 03:21	1
o-Terphenyl	82		70 - 130				02/11/22 11:51	02/14/22 03:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3220		24.8		mg/Kg			02/14/22 22:32	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-11196-17

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/12/22 08:00	02/13/22 13:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 13:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/12/22 08:00	02/13/22 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	02/12/22 08:00	02/13/22 13:47	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/12/22 08:00	02/13/22 13:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	02/11/22 11:51	02/14/22 03:41	1
o-Terphenyl	82		70 - 130	02/11/22 11:51	02/14/22 03:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4620		25.0		mg/Kg			02/14/22 22:41	5

Client Sample ID: S-4 (2.5')

Lab Sample ID: 880-11196-18

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 14:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/12/22 08:00	02/13/22 14:08	1
1,4-Difluorobenzene (Surr)	77		70 - 130	02/12/22 08:00	02/13/22 14:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-4 (2.5')

Lab Sample ID: 880-11196-18

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 04:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 04:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/11/22 11:51	02/14/22 04:02	1
o-Terphenyl	82		70 - 130				02/11/22 11:51	02/14/22 04:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	701		5.00		mg/Kg			02/14/22 22:51	1

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-11196-19

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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		02/12/22 08:00	02/13/22 14:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/22 08:00	02/13/22 14:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/22 08:00	02/13/22 14:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/22 08:00	02/13/22 14:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/22 08:00	02/13/22 14:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/22 08:00	02/13/22 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/12/22 08:00	02/13/22 14:28	1
1,4-Difluorobenzene (Surr)	78		70 - 130				02/12/22 08:00	02/13/22 14:28	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			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 04:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 04:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-11196-19

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:51	02/14/22 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/11/22 11:51	02/14/22 04:22	1
o-Terphenyl	84		70 - 130				02/11/22 11:51	02/14/22 04:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8600		49.7		mg/Kg			02/14/22 23:00	10

Client Sample ID: S-4 (3.5')

Lab Sample ID: 880-11196-20

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 14:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 14:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 14:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 14:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 14:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/12/22 08:00	02/13/22 14:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/12/22 08:00	02/13/22 14:48	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			02/14/22 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/22 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 04:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 04:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/14/22 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/11/22 11:51	02/14/22 04:43	1
o-Terphenyl	100		70 - 130				02/11/22 11:51	02/14/22 04:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9620		50.2		mg/Kg			02/14/22 23:10	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-11196-21

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:31	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 12:31	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		02/12/22 08:00	02/13/22 12:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/12/22 08:00	02/13/22 12:31	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/12/22 08:00	02/13/22 12:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	50.0		mg/Kg		02/11/22 11:54	02/12/22 12:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 F2	50.0		mg/Kg		02/11/22 11:54	02/12/22 12:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	02/11/22 11:54	02/12/22 12:11	1
o-Terphenyl	90		70 - 130	02/11/22 11:54	02/12/22 12:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13400	F1	99.6		mg/Kg			02/15/22 03:18	20

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

Lab Sample ID: 880-11196-22

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 12:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 12:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 12:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/12/22 08:00	02/13/22 12:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 12:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/12/22 08:00	02/13/22 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	02/12/22 08:00	02/13/22 12:51	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/12/22 08:00	02/13/22 12:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-22

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 13:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 13:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/11/22 11:54	02/12/22 13:15	1
o-Terphenyl	72		70 - 130				02/11/22 11:54	02/12/22 13:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3630		25.0		mg/Kg			02/15/22 03:36	5

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-11196-23

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/12/22 08:00	02/13/22 13:11	1
1,4-Difluorobenzene (Surr)	82		70 - 130				02/12/22 08:00	02/13/22 13:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 13:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 13:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-11196-23

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/11/22 11:54	02/12/22 13:37	1
o-Terphenyl	74		70 - 130				02/11/22 11:54	02/12/22 13:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		25.0		mg/Kg			02/15/22 03:42	5

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-11196-24

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				02/12/22 08:00	02/13/22 13:32	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/12/22 08:00	02/13/22 13:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 13:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 13:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				02/11/22 11:54	02/12/22 13:58	1
o-Terphenyl	74		70 - 130				02/11/22 11:54	02/12/22 13:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3650		25.1		mg/Kg			02/15/22 03:48	5

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (2.5')

Lab Sample ID: 880-11196-25

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 13:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 13:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/12/22 08:00	02/13/22 13:52	1
1,4-Difluorobenzene (Surr)	85		70 - 130	02/12/22 08:00	02/13/22 13:52	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			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 14:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 14:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/11/22 11:54	02/12/22 14:19	1
o-Terphenyl	73		70 - 130	02/11/22 11:54	02/12/22 14:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3910		24.9		mg/Kg			02/15/22 03:55	5

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-11196-26

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 14:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 14:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 14:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/12/22 08:00	02/13/22 14:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 14:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/12/22 08:00	02/13/22 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/12/22 08:00	02/13/22 14:13	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/12/22 08:00	02/13/22 14:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-11196-26

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 14:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				02/11/22 11:54	02/12/22 14:40	1
o-Terphenyl	75		70 - 130				02/11/22 11:54	02/12/22 14:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4750		24.9		mg/Kg			02/15/22 04:13	5

Client Sample ID: S-5 (3.5')

Lab Sample ID: 880-11196-27

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 14:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/12/22 08:00	02/13/22 14:33	1
1,4-Difluorobenzene (Surr)	119		70 - 130				02/12/22 08:00	02/13/22 14:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 15:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (3.5')

Lab Sample ID: 880-11196-27

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/11/22 11:54	02/12/22 15:02	1
o-Terphenyl	64	S1-	70 - 130				02/11/22 11:54	02/12/22 15:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5950		49.8		mg/Kg			02/15/22 04:19	10

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-11196-28

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/22 08:00	02/13/22 14:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 14:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/22 08:00	02/13/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/12/22 08:00	02/13/22 14:53	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/12/22 08:00	02/13/22 14:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 15:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 15:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/11/22 11:54	02/12/22 15:23	1
o-Terphenyl	68	S1-	70 - 130				02/11/22 11:54	02/12/22 15:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9280		49.5		mg/Kg			02/15/22 04:25	10

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-11196-29

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 15:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 15:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/12/22 08:00	02/13/22 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/22 08:00	02/13/22 15:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/12/22 08:00	02/13/22 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/12/22 08:00	02/13/22 15:14	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/12/22 08:00	02/13/22 15:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 15:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 15:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	02/11/22 11:54	02/12/22 15:44	1
o-Terphenyl	89		70 - 130	02/11/22 11:54	02/12/22 15:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8750		49.6		mg/Kg			02/15/22 04:31	10

Client Sample ID: S-5 (5.5')

Lab Sample ID: 880-11196-30

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/12/22 08:00	02/13/22 15:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/12/22 08:00	02/13/22 15:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (5.5')

Lab Sample ID: 880-11196-30

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 16:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 16:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/11/22 11:54	02/12/22 16:05	1
o-Terphenyl	75		70 - 130				02/11/22 11:54	02/12/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10300		49.5		mg/Kg			02/15/22 04:37	10

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

Lab Sample ID: 880-11196-31

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 17:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/12/22 08:00	02/13/22 17:24	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/12/22 08:00	02/13/22 17:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 16:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 16:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-31

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				02/11/22 11:54	02/12/22 16:47	1
o-Terphenyl	71		70 - 130				02/11/22 11:54	02/12/22 16:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.7	F1	4.98		mg/Kg			02/15/22 04:44	1

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

Lab Sample ID: 880-11196-32

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 17:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 17:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/12/22 08:00	02/13/22 17:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/12/22 08:00	02/13/22 17:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				02/11/22 11:54	02/12/22 17:09	1
o-Terphenyl	60	S1-	70 - 130				02/11/22 11:54	02/12/22 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2		4.99		mg/Kg			02/15/22 05:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-33

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/22 08:00	02/13/22 18:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/22 08:00	02/13/22 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	02/12/22 08:00	02/13/22 18:05	1
1,4-Difluorobenzene (Surr)	127		70 - 130	02/12/22 08:00	02/13/22 18:05	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			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/11/22 11:54	02/12/22 17:30	1
o-Terphenyl	69	S1-	70 - 130	02/11/22 11:54	02/12/22 17:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.5		4.97		mg/Kg			02/15/22 11:58	1

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

Lab Sample ID: 880-11196-34

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 18:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 18:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 18:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 18:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/22 08:00	02/13/22 18:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/22 08:00	02/13/22 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	02/12/22 08:00	02/13/22 18:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/12/22 08:00	02/13/22 18:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-34

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/11/22 11:54	02/12/22 17:51	1
o-Terphenyl	64	S1-	70 - 130				02/11/22 11:54	02/12/22 17:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		5.05		mg/Kg			02/15/22 05:27	1

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

Lab Sample ID: 880-11196-35

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/22 08:00	02/13/22 18:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/22 08:00	02/13/22 18:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/22 08:00	02/13/22 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				02/12/22 08:00	02/13/22 18:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/12/22 08:00	02/13/22 18:45	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			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-35

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/11/22 11:54	02/12/22 18:13	1
o-Terphenyl	67	S1-	70 - 130				02/11/22 11:54	02/12/22 18:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.03		mg/Kg			02/15/22 05:33	1

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

Lab Sample ID: 880-11196-36

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 19:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/12/22 08:00	02/13/22 19:06	1
1,4-Difluorobenzene (Surr)	84		70 - 130				02/12/22 08:00	02/13/22 19:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				02/11/22 11:54	02/12/22 18:34	1
o-Terphenyl	76		70 - 130				02/11/22 11:54	02/12/22 18:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		4.98		mg/Kg			02/15/22 05:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-37

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 19:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/22 08:00	02/13/22 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	02/12/22 08:00	02/13/22 19:26	1
1,4-Difluorobenzene (Surr)	113		70 - 130	02/12/22 08:00	02/13/22 19:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/22 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/22 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/22 11:54	02/12/22 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	02/11/22 11:54	02/12/22 18:55	1
o-Terphenyl	73		70 - 130	02/11/22 11:54	02/12/22 18:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.9		5.00		mg/Kg			02/15/22 12:04	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea 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)
880-11196-1	S-1 (0-1')	102	100
880-11196-1 MS	S-1 (0-1')	196 S1+	291 S1+
880-11196-1 MSD	S-1 (0-1')	112	106
880-11196-2	S-1 (1.5')	102	112
880-11196-3	S-1 (2.0')	91	100
880-11196-4	S-1 (2.5')	103	100
880-11196-5	S-2 (0-1')	110	109
880-11196-6	S-2 (1.5')	166 S1+	104
880-11196-7	S-2 (2.0')	92	112
880-11196-8	S-2 (2.5')	105	93
880-11196-9	S-2 (3.0')	103	105
880-11196-10	S-3 (0-1')	104	107
880-11196-11	S-3 (1.5')	114	157 S1+
880-11196-12	S-3 (2.0')	152 S1+	100
880-11196-13	S-3 (2.5')	122	90
880-11196-14	S-3 (3.0')	120	98
880-11196-15	S-4 (0-1')	110	97
880-11196-16	S-4 (1.5')	149 S1+	118
880-11196-17	S-4 (2.0')	115	106
880-11196-18	S-4 (2.5')	98	77
880-11196-19	S-4 (3.0')	109	78
880-11196-20	S-4 (3.5')	103	94
880-11196-21	S-4 (4.0')	112	91
880-11196-21 MS	S-4 (4.0')	114	100
880-11196-21 MSD	S-4 (4.0')	115	86
880-11196-22	S-5 (0-1')	148 S1+	116
880-11196-23	S-5 (1.5')	92	82
880-11196-24	S-5 (2.0')	89	102
880-11196-25	S-5 (2.5')	105	85
880-11196-26	S-5 (3.0')	104	87
880-11196-27	S-5 (3.5')	122	119
880-11196-28	S-5 (4.0')	96	85
880-11196-29	S-5 (4.5')	118	89
880-11196-30	S-5 (5.5')	109	98
880-11196-31	H-1 (0-0.5')	118	91
880-11196-32	H-2 (0-0.5')	94	99
880-11196-33	H-3 (0-0.5')	81	127
880-11196-34	H-4 (0-0.5')	91	92
880-11196-35	H-5 (0-0.5')	125	96
880-11196-36	H-6 (0-0.5')	94	84
880-11196-37	H-7 (0-0.5')	94	113
LCS 880-19123/1-A	Lab Control Sample	100	110
LCS 880-19124/1-A	Lab Control Sample	94	85
LCSD 880-19123/2-A	Lab Control Sample Dup	97	115
LCSD 880-19124/2-A	Lab Control Sample Dup	93	79
MB 880-19123/5-A	Method Blank	93	103
MB 880-19124/5-A	Method Blank	121	102
MB 880-19130/5-A	Method Blank	124	101
MB 880-19231/5-A	Method Blank	94	99

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-11196-1

Project/Site: McCloy Pond

SDG: Lea Co NM

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)
880-11196-1	S-1 (0-1')	82	93
880-11196-1 MS	S-1 (0-1')	74	71
880-11196-1 MSD	S-1 (0-1')	73	69 S1-
880-11196-2	S-1 (1.5')	74	77
880-11196-3	S-1 (2.0')	83	90
880-11196-4	S-1 (2.5')	79	86
880-11196-5	S-2 (0-1')	79	86
880-11196-6	S-2 (1.5')	80	86
880-11196-7	S-2 (2.0')	83	90
880-11196-8	S-2 (2.5')	78	83
880-11196-9	S-2 (3.0')	82	91
880-11196-10	S-3 (0-1')	77	84
880-11196-11	S-3 (1.5')	78	83
880-11196-12	S-3 (2.0')	79	84
880-11196-13	S-3 (2.5')	100	104
880-11196-14	S-3 (3.0')	67 S1-	68 S1-
880-11196-15	S-4 (0-1')	79	81
880-11196-16	S-4 (1.5')	78	82
880-11196-17	S-4 (2.0')	77	82
880-11196-18	S-4 (2.5')	76	82
880-11196-19	S-4 (3.0')	79	84
880-11196-20	S-4 (3.5')	96	100
880-11196-21	S-4 (4.0')	93	90
880-11196-21 MS	S-4 (4.0')	79	80
880-11196-21 MSD	S-4 (4.0')	60 S1-	61 S1-
880-11196-22	S-5 (0-1')	76	72
880-11196-23	S-5 (1.5')	75	74
880-11196-24	S-5 (2.0')	77	74
880-11196-25	S-5 (2.5')	76	73
880-11196-26	S-5 (3.0')	77	75
880-11196-27	S-5 (3.5')	69 S1-	64 S1-
880-11196-28	S-5 (4.0')	69 S1-	68 S1-
880-11196-29	S-5 (4.5')	93	89
880-11196-30	S-5 (5.5')	76	75
880-11196-31	H-1 (0-0.5')	77	71
880-11196-32	H-2 (0-0.5')	67 S1-	60 S1-
880-11196-33	H-3 (0-0.5')	75	69 S1-
880-11196-34	H-4 (0-0.5')	70	64 S1-
880-11196-35	H-5 (0-0.5')	73	67 S1-
880-11196-36	H-6 (0-0.5')	82	76
880-11196-37	H-7 (0-0.5')	81	73

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-19129/2-A	Lab Control Sample	97	112
LCS 880-19131/2-A	Lab Control Sample	82	82
LCSD 880-19129/3-A	Lab Control Sample Dup	104	121
LCSD 880-19131/3-A	Lab Control Sample Dup	96	103
MB 880-19129/1-A	Method Blank	80	88
MB 880-19131/1-A	Method Blank	71	71
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-19123/5-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19123

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 06:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 06:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 06:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 06:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 06:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 06:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/12/22 08:00	02/13/22 06:56	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/12/22 08:00	02/13/22 06:56	1

Lab Sample ID: LCS 880-19123/1-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19123

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08925		mg/Kg		89	70 - 130
Toluene	0.100	0.09564		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09978		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1894		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09327		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-19123/2-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19123

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09508		mg/Kg		95	70 - 130	6	35
Toluene	0.100	0.09634		mg/Kg		96	70 - 130	1	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1933		mg/Kg		97	70 - 130	2	35
o-Xylene	0.100	0.09635		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-11196-1 MS

Matrix: Solid

Analysis Batch: 19116

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

Prep Type: Total/NA

Prep Batch: 19123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1	0.0996	0.06820	F1	mg/Kg		68	70 - 130
Toluene	0.0152	F1 F2	0.0996	0.1150		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-1 MS

Matrix: Solid

Analysis Batch: 19116

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

Prep Type: Total/NA

Prep Batch: 19123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.00289	F1	0.0996	0.08151		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.0498	F2	0.199	0.2948		mg/Kg		123	70 - 130
o-Xylene	0.0247		0.0996	0.1078		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130
1,4-Difluorobenzene (Surr)	291	S1+	70 - 130

Lab Sample ID: 880-11196-1 MSD

Matrix: Solid

Analysis Batch: 19116

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

Prep Type: Total/NA

Prep Batch: 19123

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0996	0.08231		mg/Kg		83	70 - 130	19	35
Toluene	0.0152	F1 F2	0.0996	0.08006	F1 F2	mg/Kg		65	70 - 130	36	35
Ethylbenzene	0.00289	F1	0.0996	0.06633	F1	mg/Kg		64	70 - 130	21	35
m-Xylene & p-Xylene	0.0498	F2	0.199	0.1939	F2	mg/Kg		72	70 - 130	41	35
o-Xylene	0.0247		0.0996	0.09396		mg/Kg		70	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-19124/5-A

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 08:00	02/13/22 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 08:00	02/13/22 12:02	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/12/22 08:00	02/13/22 12:02	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/12/22 08:00	02/13/22 12:02	1

Lab Sample ID: LCS 880-19124/1-A

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07958		mg/Kg		80	70 - 130
Toluene	0.100	0.09745		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09245		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1818		mg/Kg		91	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: LCS 880-19124/1-A

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.09053		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-19124/2-A

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19124

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07857		mg/Kg		79	70 - 130	1	35
Toluene	0.100	0.08261		mg/Kg		83	70 - 130	16	35
Ethylbenzene	0.100	0.09386		mg/Kg		94	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1767		mg/Kg		88	70 - 130	3	35
o-Xylene	0.100	0.08296		mg/Kg		83	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-11196-21 MS

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: S-4 (4.0')

Prep Type: Total/NA

Prep Batch: 19124

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.101	0.08201		mg/Kg		81	70 - 130
Toluene	<0.00199	U F1	0.101	0.08925		mg/Kg		88	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.08786		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1715		mg/Kg		85	70 - 130
o-Xylene	<0.00199	U F1	0.101	0.08112		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-11196-21 MSD

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: S-4 (4.0')

Prep Type: Total/NA

Prep Batch: 19124

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.06658	F1	mg/Kg		66	70 - 130	21	35
Toluene	<0.00199	U F1	0.100	0.06750	F1	mg/Kg		67	70 - 130	28	35
Ethylbenzene	<0.00199	U	0.100	0.08351		mg/Kg		83	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1458		mg/Kg		73	70 - 130	16	35
o-Xylene	<0.00199	U F1	0.100	0.06957	F1	mg/Kg		69	70 - 130	15	35

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-21 MSD

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: S-4 (4.0')

Prep Type: Total/NA

Prep Batch: 19124

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: MB 880-19130/5-A

Matrix: Solid

Analysis Batch: 19117

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19130

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 07:30	02/13/22 00:27	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 07:30	02/13/22 00:27	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 07:30	02/13/22 00:27	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 07:30	02/13/22 00:27	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 07:30	02/13/22 00:27	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 07:30	02/13/22 00:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				02/12/22 07:30	02/13/22 00:27	1	
1,4-Difluorobenzene (Surr)	101		70 - 130				02/12/22 07:30	02/13/22 00:27	1	

Lab Sample ID: MB 880-19231/5-A

Matrix: Solid

Analysis Batch: 19116

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19231

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/22 09:37	02/12/22 20:03	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/22 09:37	02/12/22 20:03	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/22 09:37	02/12/22 20:03	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/22 09:37	02/12/22 20:03	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/22 09:37	02/12/22 20:03	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/22 09:37	02/12/22 20:03	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/12/22 09:37	02/12/22 20:03	1	
1,4-Difluorobenzene (Surr)	99		70 - 130				02/12/22 09:37	02/12/22 20:03	1	

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

Lab Sample ID: MB 880-19129/1-A

Matrix: Solid

Analysis Batch: 19245

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19129

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 20:10	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 20:10	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:51	02/13/22 20:10	1	

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: MB 880-19129/1-A

Matrix: Solid

Analysis Batch: 19245

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19129

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/11/22 11:51	02/13/22 20:10	1
o-Terphenyl	88		70 - 130	02/11/22 11:51	02/13/22 20:10	1

Lab Sample ID: LCS 880-19129/2-A

Matrix: Solid

Analysis Batch: 19245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19129

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	951.1		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	983.0		mg/Kg		98	70 - 130		

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	97		70 - 130			
o-Terphenyl	112		70 - 130			

Lab Sample ID: LCSD 880-19129/3-A

Matrix: Solid

Analysis Batch: 19245

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19129

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	992.8		mg/Kg		99	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	1031		mg/Kg		103	70 - 130	5	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	104		70 - 130			
o-Terphenyl	121		70 - 130			

Lab Sample ID: 880-11196-1 MS

Matrix: Solid

Analysis Batch: 19245

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

Prep Type: Total/NA

Prep Batch: 19129

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1117		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	369	F1	1000	1002	F1	mg/Kg		63	70 - 130		

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	74		70 - 130			
o-Terphenyl	71		70 - 130			

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-1 MSD

Matrix: Solid

Analysis Batch: 19245

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

Prep Type: Total/NA

Prep Batch: 19129

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	998	1134		mg/Kg		109	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	369	F1	998	995.0	F1	mg/Kg		63	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: MB 880-19131/1-A

Matrix: Solid

Analysis Batch: 19282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 11:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/22 11:54	02/12/22 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/11/22 11:54	02/12/22 11:08	1
o-Terphenyl	71		70 - 130				02/11/22 11:54	02/12/22 11:08	1

Lab Sample ID: LCS 880-19131/2-A

Matrix: Solid

Analysis Batch: 19282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	886.6		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	760.0		mg/Kg		76	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	82		70 - 130						

Lab Sample ID: LCSD 880-19131/3-A

Matrix: Solid

Analysis Batch: 19282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19131

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	1000	958.9	*1	mg/Kg		96	70 - 130	23	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: LCSD 880-19131/3-A

Matrix: Solid

Analysis Batch: 19282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19131

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 880-11196-21 MS

Matrix: Solid

Analysis Batch: 19282

Client Sample ID: S-4 (4.0')

Prep Type: Total/NA

Prep Batch: 19131

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	1000	1047		mg/Kg		102	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U *1 F2	1000	1009		mg/Kg		101	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	79		70 - 130							
o-Terphenyl	80		70 - 130							

Lab Sample ID: 880-11196-21 MSD

Matrix: Solid

Analysis Batch: 19282

Client Sample ID: S-4 (4.0')

Prep Type: Total/NA

Prep Batch: 19131

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	757.4	F2	mg/Kg		73	70 - 130	32	20	
Diesel Range Organics (Over C10-C28)	<50.0	U *1 F2	998	761.0	F2	mg/Kg		76	70 - 130	28	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	60	S1-	70 - 130									
o-Terphenyl	61	S1-	70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-19180/1-A

Matrix: Solid

Analysis Batch: 19413

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			02/15/22 02:59	1	

Lab Sample ID: LCS 880-19180/2-A

Matrix: Solid

Analysis Batch: 19413

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	270.5		mg/Kg		108	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-19180/3-A

Matrix: Solid

Analysis Batch: 19413

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	263.6		mg/Kg		105	90 - 110	3	20

Lab Sample ID: 880-11196-21 MS

Matrix: Solid

Analysis Batch: 19413

Client Sample ID: S-4 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	13400	F1	4980	20170	F1	mg/Kg		135	90 - 110		

Lab Sample ID: 880-11196-21 MSD

Matrix: Solid

Analysis Batch: 19413

Client Sample ID: S-4 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13400	F1	4980	17950		mg/Kg		91	90 - 110	12	20

Lab Sample ID: 880-11196-31 MS

Matrix: Solid

Analysis Batch: 19413

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	29.7	F1	249	313.0	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-11196-31 MSD

Matrix: Solid

Analysis Batch: 19413

Client Sample ID: H-1 (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	29.7	F1	249	287.1		mg/Kg		103	90 - 110	9	20

Lab Sample ID: MB 880-19179/1-A

Matrix: Solid

Analysis Batch: 19425

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/14/22 18:24	1

Lab Sample ID: LCS 880-19179/2-A

Matrix: Solid

Analysis Batch: 19425

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	272.1		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-19179/3-A

Matrix: Solid

Analysis Batch: 19425

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	270.1		mg/Kg		108	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-11196-1 MS

Matrix: Solid

Analysis Batch: 19425

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	5710	F1	2500	8710	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-11196-1 MSD

Matrix: Solid

Analysis Batch: 19425

Client Sample ID: S-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	5710	F1	2500	8480	F1	mg/Kg		111	90 - 110	3	20

Lab Sample ID: 880-11196-11 MS

Matrix: Solid

Analysis Batch: 19425

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	2720	F1	1250	4190	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-11196-11 MSD

Matrix: Solid

Analysis Batch: 19425

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2720	F1	1250	4138	F1	mg/Kg		113	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC VOA

Analysis Batch: 19116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Total/NA	Solid	8021B	19123
880-11196-2	S-1 (1.5')	Total/NA	Solid	8021B	19123
880-11196-3	S-1 (2.0')	Total/NA	Solid	8021B	19123
880-11196-4	S-1 (2.5')	Total/NA	Solid	8021B	19123
880-11196-5	S-2 (0-1')	Total/NA	Solid	8021B	19123
880-11196-6	S-2 (1.5')	Total/NA	Solid	8021B	19123
880-11196-7	S-2 (2.0')	Total/NA	Solid	8021B	19123
880-11196-8	S-2 (2.5')	Total/NA	Solid	8021B	19123
880-11196-9	S-2 (3.0')	Total/NA	Solid	8021B	19123
880-11196-10	S-3 (0-1')	Total/NA	Solid	8021B	19123
880-11196-11	S-3 (1.5')	Total/NA	Solid	8021B	19123
880-11196-12	S-3 (2.0')	Total/NA	Solid	8021B	19123
880-11196-13	S-3 (2.5')	Total/NA	Solid	8021B	19123
880-11196-14	S-3 (3.0')	Total/NA	Solid	8021B	19123
880-11196-15	S-4 (0-1')	Total/NA	Solid	8021B	19123
880-11196-16	S-4 (1.5')	Total/NA	Solid	8021B	19123
880-11196-17	S-4 (2.0')	Total/NA	Solid	8021B	19123
880-11196-18	S-4 (2.5')	Total/NA	Solid	8021B	19123
880-11196-19	S-4 (3.0')	Total/NA	Solid	8021B	19123
880-11196-20	S-4 (3.5')	Total/NA	Solid	8021B	19123
MB 880-19123/5-A	Method Blank	Total/NA	Solid	8021B	19123
MB 880-19231/5-A	Method Blank	Total/NA	Solid	8021B	19231
LCS 880-19123/1-A	Lab Control Sample	Total/NA	Solid	8021B	19123
LCSD 880-19123/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	19123
880-11196-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	19123
880-11196-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	19123

Analysis Batch: 19117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Total/NA	Solid	8021B	19124
880-11196-22	S-5 (0-1')	Total/NA	Solid	8021B	19124
880-11196-23	S-5 (1.5')	Total/NA	Solid	8021B	19124
880-11196-24	S-5 (2.0')	Total/NA	Solid	8021B	19124
880-11196-25	S-5 (2.5')	Total/NA	Solid	8021B	19124
880-11196-26	S-5 (3.0')	Total/NA	Solid	8021B	19124
880-11196-27	S-5 (3.5')	Total/NA	Solid	8021B	19124
880-11196-28	S-5 (4.0')	Total/NA	Solid	8021B	19124
880-11196-29	S-5 (4.5')	Total/NA	Solid	8021B	19124
880-11196-30	S-5 (5.5')	Total/NA	Solid	8021B	19124
880-11196-31	H-1 (0-0.5')	Total/NA	Solid	8021B	19124
880-11196-32	H-2 (0-0.5')	Total/NA	Solid	8021B	19124
880-11196-33	H-3 (0-0.5')	Total/NA	Solid	8021B	19124
880-11196-34	H-4 (0-0.5')	Total/NA	Solid	8021B	19124
880-11196-35	H-5 (0-0.5')	Total/NA	Solid	8021B	19124
880-11196-36	H-6 (0-0.5')	Total/NA	Solid	8021B	19124
880-11196-37	H-7 (0-0.5')	Total/NA	Solid	8021B	19124
MB 880-19124/5-A	Method Blank	Total/NA	Solid	8021B	19124
MB 880-19130/5-A	Method Blank	Total/NA	Solid	8021B	19130
LCS 880-19124/1-A	Lab Control Sample	Total/NA	Solid	8021B	19124
LCSD 880-19124/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	19124
880-11196-21 MS	S-4 (4.0')	Total/NA	Solid	8021B	19124

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC VOA (Continued)

Analysis Batch: 19117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21 MSD	S-4 (4.0')	Total/NA	Solid	8021B	19124

Prep Batch: 19123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Total/NA	Solid	5035	
880-11196-2	S-1 (1.5')	Total/NA	Solid	5035	
880-11196-3	S-1 (2.0')	Total/NA	Solid	5035	
880-11196-4	S-1 (2.5')	Total/NA	Solid	5035	
880-11196-5	S-2 (0-1')	Total/NA	Solid	5035	
880-11196-6	S-2 (1.5')	Total/NA	Solid	5035	
880-11196-7	S-2 (2.0')	Total/NA	Solid	5035	
880-11196-8	S-2 (2.5')	Total/NA	Solid	5035	
880-11196-9	S-2 (3.0')	Total/NA	Solid	5035	
880-11196-10	S-3 (0-1')	Total/NA	Solid	5035	
880-11196-11	S-3 (1.5')	Total/NA	Solid	5035	
880-11196-12	S-3 (2.0')	Total/NA	Solid	5035	
880-11196-13	S-3 (2.5')	Total/NA	Solid	5035	
880-11196-14	S-3 (3.0')	Total/NA	Solid	5035	
880-11196-15	S-4 (0-1')	Total/NA	Solid	5035	
880-11196-16	S-4 (1.5')	Total/NA	Solid	5035	
880-11196-17	S-4 (2.0')	Total/NA	Solid	5035	
880-11196-18	S-4 (2.5')	Total/NA	Solid	5035	
880-11196-19	S-4 (3.0')	Total/NA	Solid	5035	
880-11196-20	S-4 (3.5')	Total/NA	Solid	5035	
MB 880-19123/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-19123/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-19123/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11196-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-11196-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 19124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Total/NA	Solid	5035	
880-11196-22	S-5 (0-1')	Total/NA	Solid	5035	
880-11196-23	S-5 (1.5')	Total/NA	Solid	5035	
880-11196-24	S-5 (2.0')	Total/NA	Solid	5035	
880-11196-25	S-5 (2.5')	Total/NA	Solid	5035	
880-11196-26	S-5 (3.0')	Total/NA	Solid	5035	
880-11196-27	S-5 (3.5')	Total/NA	Solid	5035	
880-11196-28	S-5 (4.0')	Total/NA	Solid	5035	
880-11196-29	S-5 (4.5')	Total/NA	Solid	5035	
880-11196-30	S-5 (5.5')	Total/NA	Solid	5035	
880-11196-31	H-1 (0-0.5')	Total/NA	Solid	5035	
880-11196-32	H-2 (0-0.5')	Total/NA	Solid	5035	
880-11196-33	H-3 (0-0.5')	Total/NA	Solid	5035	
880-11196-34	H-4 (0-0.5')	Total/NA	Solid	5035	
880-11196-35	H-5 (0-0.5')	Total/NA	Solid	5035	
880-11196-36	H-6 (0-0.5')	Total/NA	Solid	5035	
880-11196-37	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-19124/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-19124/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC VOA (Continued)

Prep Batch: 19124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-19124/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11196-21 MS	S-4 (4.0')	Total/NA	Solid	5035	
880-11196-21 MSD	S-4 (4.0')	Total/NA	Solid	5035	

Prep Batch: 19130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-19130/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 19231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-19231/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 19331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Total/NA	Solid	Total BTEX	
880-11196-22	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-11196-23	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-11196-24	S-5 (2.0')	Total/NA	Solid	Total BTEX	
880-11196-25	S-5 (2.5')	Total/NA	Solid	Total BTEX	
880-11196-26	S-5 (3.0')	Total/NA	Solid	Total BTEX	
880-11196-27	S-5 (3.5')	Total/NA	Solid	Total BTEX	
880-11196-28	S-5 (4.0')	Total/NA	Solid	Total BTEX	
880-11196-29	S-5 (4.5')	Total/NA	Solid	Total BTEX	
880-11196-30	S-5 (5.5')	Total/NA	Solid	Total BTEX	
880-11196-31	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-11196-32	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-11196-33	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-11196-34	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-11196-35	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-11196-36	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-11196-37	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 19350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-11196-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-11196-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-11196-4	S-1 (2.5')	Total/NA	Solid	Total BTEX	
880-11196-5	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-11196-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-11196-7	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-11196-8	S-2 (2.5')	Total/NA	Solid	Total BTEX	
880-11196-9	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-11196-10	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-11196-11	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-11196-12	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-11196-13	S-3 (2.5')	Total/NA	Solid	Total BTEX	
880-11196-14	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-11196-15	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-11196-16	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-11196-17	S-4 (2.0')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC VOA (Continued)

Analysis Batch: 19350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-18	S-4 (2.5')	Total/NA	Solid	Total BTEX	
880-11196-19	S-4 (3.0')	Total/NA	Solid	Total BTEX	
880-11196-20	S-4 (3.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 19129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-11196-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-11196-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-11196-4	S-1 (2.5')	Total/NA	Solid	8015NM Prep	
880-11196-5	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-11196-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-11196-7	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-11196-8	S-2 (2.5')	Total/NA	Solid	8015NM Prep	
880-11196-9	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-11196-10	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-11196-11	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-11196-12	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-11196-13	S-3 (2.5')	Total/NA	Solid	8015NM Prep	
880-11196-14	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-11196-15	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-11196-16	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-11196-17	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-11196-18	S-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-11196-19	S-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-11196-20	S-4 (3.5')	Total/NA	Solid	8015NM Prep	
MB 880-19129/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19129/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-19129/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11196-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-11196-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 19131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-11196-22	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-11196-23	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-11196-24	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-11196-25	S-5 (2.5')	Total/NA	Solid	8015NM Prep	
880-11196-26	S-5 (3.0')	Total/NA	Solid	8015NM Prep	
880-11196-27	S-5 (3.5')	Total/NA	Solid	8015NM Prep	
880-11196-28	S-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-11196-29	S-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-11196-30	S-5 (5.5')	Total/NA	Solid	8015NM Prep	
880-11196-31	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-11196-32	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-11196-33	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-11196-34	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-11196-35	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC Semi VOA (Continued)

Prep Batch: 19131 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-36	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-11196-37	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-19131/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19131/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-19131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11196-21 MS	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-11196-21 MSD	S-4 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 19245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Total/NA	Solid	8015B NM	19129
880-11196-2	S-1 (1.5')	Total/NA	Solid	8015B NM	19129
880-11196-3	S-1 (2.0')	Total/NA	Solid	8015B NM	19129
880-11196-4	S-1 (2.5')	Total/NA	Solid	8015B NM	19129
880-11196-5	S-2 (0-1')	Total/NA	Solid	8015B NM	19129
880-11196-6	S-2 (1.5')	Total/NA	Solid	8015B NM	19129
880-11196-7	S-2 (2.0')	Total/NA	Solid	8015B NM	19129
880-11196-8	S-2 (2.5')	Total/NA	Solid	8015B NM	19129
880-11196-9	S-2 (3.0')	Total/NA	Solid	8015B NM	19129
880-11196-10	S-3 (0-1')	Total/NA	Solid	8015B NM	19129
880-11196-11	S-3 (1.5')	Total/NA	Solid	8015B NM	19129
880-11196-12	S-3 (2.0')	Total/NA	Solid	8015B NM	19129
880-11196-13	S-3 (2.5')	Total/NA	Solid	8015B NM	19129
880-11196-14	S-3 (3.0')	Total/NA	Solid	8015B NM	19129
880-11196-15	S-4 (0-1')	Total/NA	Solid	8015B NM	19129
880-11196-16	S-4 (1.5')	Total/NA	Solid	8015B NM	19129
880-11196-17	S-4 (2.0')	Total/NA	Solid	8015B NM	19129
880-11196-18	S-4 (2.5')	Total/NA	Solid	8015B NM	19129
880-11196-19	S-4 (3.0')	Total/NA	Solid	8015B NM	19129
880-11196-20	S-4 (3.5')	Total/NA	Solid	8015B NM	19129
MB 880-19129/1-A	Method Blank	Total/NA	Solid	8015B NM	19129
LCS 880-19129/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19129
LCSD 880-19129/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19129
880-11196-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	19129
880-11196-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	19129

Analysis Batch: 19282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Total/NA	Solid	8015B NM	19131
880-11196-22	S-5 (0-1')	Total/NA	Solid	8015B NM	19131
880-11196-23	S-5 (1.5')	Total/NA	Solid	8015B NM	19131
880-11196-24	S-5 (2.0')	Total/NA	Solid	8015B NM	19131
880-11196-25	S-5 (2.5')	Total/NA	Solid	8015B NM	19131
880-11196-26	S-5 (3.0')	Total/NA	Solid	8015B NM	19131
880-11196-27	S-5 (3.5')	Total/NA	Solid	8015B NM	19131
880-11196-28	S-5 (4.0')	Total/NA	Solid	8015B NM	19131
880-11196-29	S-5 (4.5')	Total/NA	Solid	8015B NM	19131
880-11196-30	S-5 (5.5')	Total/NA	Solid	8015B NM	19131
880-11196-31	H-1 (0-0.5')	Total/NA	Solid	8015B NM	19131
880-11196-32	H-2 (0-0.5')	Total/NA	Solid	8015B NM	19131
880-11196-33	H-3 (0-0.5')	Total/NA	Solid	8015B NM	19131

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC Semi VOA (Continued)

Analysis Batch: 19282 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-34	H-4 (0-0.5')	Total/NA	Solid	8015B NM	19131
880-11196-35	H-5 (0-0.5')	Total/NA	Solid	8015B NM	19131
880-11196-36	H-6 (0-0.5')	Total/NA	Solid	8015B NM	19131
880-11196-37	H-7 (0-0.5')	Total/NA	Solid	8015B NM	19131
MB 880-19131/1-A	Method Blank	Total/NA	Solid	8015B NM	19131
LCS 880-19131/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19131
LCSD 880-19131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19131
880-11196-21 MS	S-4 (4.0')	Total/NA	Solid	8015B NM	19131
880-11196-21 MSD	S-4 (4.0')	Total/NA	Solid	8015B NM	19131

Analysis Batch: 19506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-11196-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-11196-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-11196-4	S-1 (2.5')	Total/NA	Solid	8015 NM	
880-11196-5	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-11196-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-11196-7	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-11196-8	S-2 (2.5')	Total/NA	Solid	8015 NM	
880-11196-9	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-11196-10	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-11196-11	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-11196-12	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-11196-13	S-3 (2.5')	Total/NA	Solid	8015 NM	
880-11196-14	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-11196-15	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-11196-16	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-11196-17	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-11196-18	S-4 (2.5')	Total/NA	Solid	8015 NM	
880-11196-19	S-4 (3.0')	Total/NA	Solid	8015 NM	
880-11196-20	S-4 (3.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 19741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Total/NA	Solid	8015 NM	
880-11196-22	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-11196-23	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-11196-24	S-5 (2.0')	Total/NA	Solid	8015 NM	
880-11196-25	S-5 (2.5')	Total/NA	Solid	8015 NM	
880-11196-26	S-5 (3.0')	Total/NA	Solid	8015 NM	
880-11196-27	S-5 (3.5')	Total/NA	Solid	8015 NM	
880-11196-28	S-5 (4.0')	Total/NA	Solid	8015 NM	
880-11196-29	S-5 (4.5')	Total/NA	Solid	8015 NM	
880-11196-30	S-5 (5.5')	Total/NA	Solid	8015 NM	
880-11196-31	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-11196-32	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-11196-33	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-11196-34	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-11196-35	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-11196-36	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

GC Semi VOA (Continued)

Analysis Batch: 19741 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-37	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 19179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-11196-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-11196-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-11196-4	S-1 (2.5')	Soluble	Solid	DI Leach	
880-11196-5	S-2 (0-1')	Soluble	Solid	DI Leach	
880-11196-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-11196-7	S-2 (2.0')	Soluble	Solid	DI Leach	
880-11196-8	S-2 (2.5')	Soluble	Solid	DI Leach	
880-11196-9	S-2 (3.0')	Soluble	Solid	DI Leach	
880-11196-10	S-3 (0-1')	Soluble	Solid	DI Leach	
880-11196-11	S-3 (1.5')	Soluble	Solid	DI Leach	
880-11196-12	S-3 (2.0')	Soluble	Solid	DI Leach	
880-11196-13	S-3 (2.5')	Soluble	Solid	DI Leach	
880-11196-14	S-3 (3.0')	Soluble	Solid	DI Leach	
880-11196-15	S-4 (0-1')	Soluble	Solid	DI Leach	
880-11196-16	S-4 (1.5')	Soluble	Solid	DI Leach	
880-11196-17	S-4 (2.0')	Soluble	Solid	DI Leach	
880-11196-18	S-4 (2.5')	Soluble	Solid	DI Leach	
880-11196-19	S-4 (3.0')	Soluble	Solid	DI Leach	
880-11196-20	S-4 (3.5')	Soluble	Solid	DI Leach	
MB 880-19179/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19179/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19179/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-11196-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-11196-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-11196-11 MS	S-3 (1.5')	Soluble	Solid	DI Leach	
880-11196-11 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 19180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Soluble	Solid	DI Leach	
880-11196-22	S-5 (0-1')	Soluble	Solid	DI Leach	
880-11196-23	S-5 (1.5')	Soluble	Solid	DI Leach	
880-11196-24	S-5 (2.0')	Soluble	Solid	DI Leach	
880-11196-25	S-5 (2.5')	Soluble	Solid	DI Leach	
880-11196-26	S-5 (3.0')	Soluble	Solid	DI Leach	
880-11196-27	S-5 (3.5')	Soluble	Solid	DI Leach	
880-11196-28	S-5 (4.0')	Soluble	Solid	DI Leach	
880-11196-29	S-5 (4.5')	Soluble	Solid	DI Leach	
880-11196-30	S-5 (5.5')	Soluble	Solid	DI Leach	
880-11196-31	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-11196-32	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-11196-33	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-11196-34	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-11196-35	H-5 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

HPLC/IC (Continued)

Leach Batch: 19180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-36	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-11196-37	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-19180/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19180/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19180/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-11196-21 MS	S-4 (4.0')	Soluble	Solid	DI Leach	
880-11196-21 MSD	S-4 (4.0')	Soluble	Solid	DI Leach	
880-11196-31 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-11196-31 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 19413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-21	S-4 (4.0')	Soluble	Solid	300.0	19180
880-11196-22	S-5 (0-1')	Soluble	Solid	300.0	19180
880-11196-23	S-5 (1.5')	Soluble	Solid	300.0	19180
880-11196-24	S-5 (2.0')	Soluble	Solid	300.0	19180
880-11196-25	S-5 (2.5')	Soluble	Solid	300.0	19180
880-11196-26	S-5 (3.0')	Soluble	Solid	300.0	19180
880-11196-27	S-5 (3.5')	Soluble	Solid	300.0	19180
880-11196-28	S-5 (4.0')	Soluble	Solid	300.0	19180
880-11196-29	S-5 (4.5')	Soluble	Solid	300.0	19180
880-11196-30	S-5 (5.5')	Soluble	Solid	300.0	19180
880-11196-31	H-1 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-32	H-2 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-33	H-3 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-34	H-4 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-35	H-5 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-36	H-6 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-37	H-7 (0-0.5')	Soluble	Solid	300.0	19180
MB 880-19180/1-A	Method Blank	Soluble	Solid	300.0	19180
LCS 880-19180/2-A	Lab Control Sample	Soluble	Solid	300.0	19180
LCSD 880-19180/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19180
880-11196-21 MS	S-4 (4.0')	Soluble	Solid	300.0	19180
880-11196-21 MSD	S-4 (4.0')	Soluble	Solid	300.0	19180
880-11196-31 MS	H-1 (0-0.5')	Soluble	Solid	300.0	19180
880-11196-31 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	19180

Analysis Batch: 19425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-1	S-1 (0-1')	Soluble	Solid	300.0	19179
880-11196-2	S-1 (1.5')	Soluble	Solid	300.0	19179
880-11196-3	S-1 (2.0')	Soluble	Solid	300.0	19179
880-11196-4	S-1 (2.5')	Soluble	Solid	300.0	19179
880-11196-5	S-2 (0-1')	Soluble	Solid	300.0	19179
880-11196-6	S-2 (1.5')	Soluble	Solid	300.0	19179
880-11196-7	S-2 (2.0')	Soluble	Solid	300.0	19179
880-11196-8	S-2 (2.5')	Soluble	Solid	300.0	19179
880-11196-9	S-2 (3.0')	Soluble	Solid	300.0	19179
880-11196-10	S-3 (0-1')	Soluble	Solid	300.0	19179
880-11196-11	S-3 (1.5')	Soluble	Solid	300.0	19179
880-11196-12	S-3 (2.0')	Soluble	Solid	300.0	19179

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

HPLC/IC (Continued)

Analysis Batch: 19425 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11196-13	S-3 (2.5')	Soluble	Solid	300.0	19179
880-11196-14	S-3 (3.0')	Soluble	Solid	300.0	19179
880-11196-15	S-4 (0-1')	Soluble	Solid	300.0	19179
880-11196-16	S-4 (1.5')	Soluble	Solid	300.0	19179
880-11196-17	S-4 (2.0')	Soluble	Solid	300.0	19179
880-11196-18	S-4 (2.5')	Soluble	Solid	300.0	19179
880-11196-19	S-4 (3.0')	Soluble	Solid	300.0	19179
880-11196-20	S-4 (3.5')	Soluble	Solid	300.0	19179
MB 880-19179/1-A	Method Blank	Soluble	Solid	300.0	19179
LCS 880-19179/2-A	Lab Control Sample	Soluble	Solid	300.0	19179
LCSD 880-19179/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19179
880-11196-1 MS	S-1 (0-1')	Soluble	Solid	300.0	19179
880-11196-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	19179
880-11196-11 MS	S-3 (1.5')	Soluble	Solid	300.0	19179
880-11196-11 MSD	S-3 (1.5')	Soluble	Solid	300.0	19179

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-1

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 07:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 21:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 18:52	CH	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-11196-2

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 07:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 22:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 19:21	CH	XEN MID

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-11196-3

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 07:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 22:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 19:30	CH	XEN MID

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-11196-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 08:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-11196-4

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 22:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 19:40	CH	XEN MID

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

Lab Sample ID: 880-11196-5

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 08:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 23:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 19:49	CH	XEN MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-11196-6

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 08:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 23:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 20:18	CH	XEN MID

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-11196-7

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 09:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/13/22 23:56	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-11196-7

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 20:28	CH	XEN MID

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-11196-8

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 09:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 00:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 20:37	CH	XEN MID

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-11196-9

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 10:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 00:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 20:47	CH	XEN MID

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

Lab Sample ID: 880-11196-10

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 10:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 20:56	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-11196-11

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 11:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 01:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 21:06	CH	XEN MID

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-11196-12

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 12:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 01:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		1			19425	02/14/22 21:35	CH	XEN MID

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-11196-13

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 12:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 02:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		1			19425	02/14/22 21:44	CH	XEN MID

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-11196-14

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 12:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-11196-14

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 02:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		1			19425	02/14/22 22:13	CH	XEN MID

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

Lab Sample ID: 880-11196-15

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 13:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 03:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 22:22	CH	XEN MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-11196-16

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 13:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 03:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 22:32	CH	XEN MID

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-11196-17

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 13:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 03:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-11196-17

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		5			19425	02/14/22 22:41	CH	XEN MID

Client Sample ID: S-4 (2.5')

Lab Sample ID: 880-11196-18

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 14:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 04:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		1			19425	02/14/22 22:51	CH	XEN MID

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-11196-19

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 14:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 04:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 23:00	CH	XEN MID

Client Sample ID: S-4 (3.5')

Lab Sample ID: 880-11196-20

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19123	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19116	02/13/22 14:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19350	02/14/22 09:43	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19506	02/15/22 13:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19129	02/11/22 11:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19245	02/14/22 04:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	19179	02/11/22 15:15	SC	XEN MID
Soluble	Analysis	300.0		10			19425	02/14/22 23:10	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-11196-21

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 12:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 12:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		20			19413	02/15/22 03:18	CH	XEN MID

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

Lab Sample ID: 880-11196-22

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 12:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 13:15	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		5			19413	02/15/22 03:36	CH	XEN MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-11196-23

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 13:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 13:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		5			19413	02/15/22 03:42	CH	XEN MID

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-11196-24

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 13:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-11196-24

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 13:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		5			19413	02/15/22 03:48	CH	XEN MID

Client Sample ID: S-5 (2.5')

Lab Sample ID: 880-11196-25

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 13:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 14:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		5			19413	02/15/22 03:55	CH	XEN MID

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-11196-26

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 14:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 14:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		5			19413	02/15/22 04:13	CH	XEN MID

Client Sample ID: S-5 (3.5')

Lab Sample ID: 880-11196-27

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 14:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 15:02	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: S-5 (3.5')

Date Collected: 02/10/22 00:00

Date Received: 02/11/22 11:13

Lab Sample ID: 880-11196-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		10			19413	02/15/22 04:19	CH	XEN MID

Client Sample ID: S-5 (4.0')

Date Collected: 02/10/22 00:00

Date Received: 02/11/22 11:13

Lab Sample ID: 880-11196-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 14:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 15:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		10			19413	02/15/22 04:25	CH	XEN MID

Client Sample ID: S-5 (4.5')

Date Collected: 02/10/22 00:00

Date Received: 02/11/22 11:13

Lab Sample ID: 880-11196-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 15:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 15:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		10			19413	02/15/22 04:31	CH	XEN MID

Client Sample ID: S-5 (5.5')

Date Collected: 02/10/22 00:00

Date Received: 02/11/22 11:13

Lab Sample ID: 880-11196-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 15:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 16:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		10			19413	02/15/22 04:37	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-31

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 17:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 16:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 04:44	CH	XEN MID

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

Lab Sample ID: 880-11196-32

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 17:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 05:02	CH	XEN MID

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

Lab Sample ID: 880-11196-33

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 18:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 17:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 11:58	CH	XEN MID

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

Lab Sample ID: 880-11196-34

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 18:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

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

Lab Sample ID: 880-11196-34

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

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			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 17:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 05:27	CH	XEN MID

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

Lab Sample ID: 880-11196-35

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 18:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 18:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 05:33	CH	XEN MID

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

Lab Sample ID: 880-11196-36

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 19:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 18:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 05:39	CH	XEN MID

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

Lab Sample ID: 880-11196-37

Date Collected: 02/10/22 00:00

Matrix: Solid

Date Received: 02/11/22 11:13

Prep 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	19124	02/12/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19117	02/13/22 19:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19331	02/14/22 09:32	KL	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 16:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	19131	02/11/22 11:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19282	02/12/22 18:55	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Client Sample ID: H-7 (0-0.5')
Date Collected: 02/10/22 00:00
Date Received: 02/11/22 11:13

Lab Sample ID: 880-11196-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	19180	02/11/22 15:18	SC	XEN MID
Soluble	Analysis	300.0		1			19413	02/15/22 12:04	CH	XEN MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea 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

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-11196-1
SDG: Lea 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: McCloy Pond

Job ID: 880-11196-1
SDG: Lea Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11196-1	S-1 (0-1')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-2	S-1 (1.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-3	S-1 (2.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-4	S-1 (2.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-5	S-2 (0-1')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-6	S-2 (1.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-7	S-2 (2.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-8	S-2 (2.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-9	S-2 (3.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-10	S-3 (0-1')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-11	S-3 (1.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-12	S-3 (2.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-13	S-3 (2.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-14	S-3 (3.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-15	S-4 (0-1')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-16	S-4 (1.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-17	S-4 (2.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-18	S-4 (2.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-19	S-4 (3.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-20	S-4 (3.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-21	S-4 (4.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-22	S-5 (0-1')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-23	S-5 (1.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-24	S-5 (2.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-25	S-5 (2.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-26	S-5 (3.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-27	S-5 (3.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-28	S-5 (4.0')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-29	S-5 (4.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-30	S-5 (5.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-31	H-1 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-32	H-2 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-33	H-3 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-34	H-4 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-35	H-5 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-36	H-6 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13
880-11196-37	H-7 (0-0.5')	Solid	02/10/22 00:00	02/11/22 11:13

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Chain of Custody



880-11196 Chain of Custody

Page 1 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@naglep.com

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

Project Name:		McCloy Pond		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:		☐ Routine	☒ Rush													None: NO	DI Water: H ₂ O		
Project Location	Lea Co. NM	Due Date:	72 Hrs													Cool: Cool	MeOH: Me		
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters												HOLD	
Received Intact:	☒ Yes ☐ No	Thermometer ID:	BTX 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-1 (0-1')		2/10/2022		X		G	1	X	X	X									
S-1 (1.5')		2/10/2022		X		G	1	X	X	X									
S-1 (2.0')		2/10/2022		X		G	1	X	X	X									
S-1 (2.5')		2/10/2022		X		G	1	X	X	X									
S-2 (0-1')		2/10/2022		X		G	1	X	X	X									
S-2 (1.5')		2/10/2022		X		G	1	X	X	X									
S-2 (2.0')		2/10/2022		X		G	1	X	X	X									
S-2 (2.5')		2/10/2022		X		G	1	X	X	X									
S-2 (3.0')		2/10/2022		X		G	1	X	X	X									
S-3 (0-1')		2/10/2022		X		G	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Ben McHenry</i>	<i>[Signature]</i>	2/11/22 11:13			

Work Order No: _____

Page 2 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	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@nagle.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: _____	

ANALYSIS REQUEST				Preservative Codes	
Project Name:	McCloy Pond	Turn Around		Press. Code	
Project Number:		☐ Routine	☒ Rush		
Project Location	Lea Co., NM	Due Date:	72 Hrs		
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 ☒	Correction Factor:			
Sample Custody Seals:	Yes ☐ No ☒	Temperature Reading:			
Total Containers:		Corrected Temperature:			
Parameters					
BTEX 8021B					
H 8015M (GRO + DRO + MRO)					
Chloride 300.0					
HOLD					
None: NO		DI Water: H ₂ O			
Cool: Cool		MeOH: Me			
HCL: HC		HNO ₃ : HN			
H ₂ SO ₄ : H ₂		NaOH: Na			
H ₃ PO ₄ : HP					
NaHSO ₄ : NABIS					
Na ₂ S ₂ O ₃ : NaSO ₃					
Zn Acetate+NaOH: Zn					
NaOH+Ascorbic Acid: SAPC					

Sample Identification	Date	Time	Soil	Water	Grav/Comp	# of Cont	TP												Sample Comments
S-3 (1.5')	2/10/2022		X		G	1	X	X	X	X									
S-3 (2.0')	2/10/2022		X		G	1	X	X	X	X									
S-3 (2.5')	2/10/2022		X		G	1	X	X	X	X									
S-3 (3.0')	2/10/2022		X		G	1	X	X	X	X									
S-4 (0-1')	2/10/2022		X		G	1	X	X	X	X									
S-4 (1.5')	2/10/2022		X		G	1	X	X	X	X									
S-4 (2.0')	2/10/2022		X		G	1	X	X	X	X									
S-4 (2.5')	2/10/2022		X		G	1	X	X	X	X									
S-4 (3.0')	2/10/2022		X		G	1	X	X	X	X									
S-4 (3.5')	2/10/2022		X		G	1	X	X	X	X									

Additoinal Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Donna M. Gentry</i>	<i>[Signature]</i>	2/11/22 11:13	2		
3			4		
5			6		

Revised Date 05/01/2020 Rev. 2020

Chain of Custody

Work Order No: _____

Page 2 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@naglep.com

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

Project Name:		McCloy Pond		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:				☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O		
Project Location		Lea Co. NM		Due Date:		72 Hrs												Cool: Cool	MeOH: Me		
Sampler's Name:		CRM		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:		Yes (No)		Wet Ice:		(Yes) No										H ₃ PO ₄ : HP			
Received Intact:		(Yes) No		Thermometer ID:		128												NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No (NA)		Correction Factor:		-0.1												Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No (NA)		Temperature Reading:		1.0												Zn Acetate+NaOH: Zn			
Total Containers:				Corrected Temperature:		0.9												NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont							Sample Comments		
S-4 (4.0')		2/10/2022				X				G		1		X	X	X					
S-5 (0-1')		2/10/2022				X				G		1		X	X	X					
S-5 (1.5')		2/10/2022				X				G		1		X	X	X					
S-5 (2.0')		2/10/2022				X				G		1		X	X	X					
S-5 (2.5')		2/10/2022				X				G		1		X	X	X					
S-5 (3.0')		2/10/2022				X				G		1		X	X	X					
S-5 (3.5')		2/10/2022				X				G		1		X	X	X					
S-5 (4.0')		2/10/2022				X				G		1		X	X	X					
S-5 (4.5')		2/10/2022				X				G		1		X	X	X					
S-5 (5.5')		2/10/2022				X				G		1		X	X	X					

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Conner Moehring</i>	<i>[Signature]</i>	2/11/22 11:13	2		
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5			6		

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Chain of Custody

Work Order No: _____

Page 4 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@naglep.com

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

Project Name:		McClay Pond		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:		☐ Routine	☒ Rush														None, NO	DI Water: H ₂ O						
Project Location	Lea Co, NM	Due Date:	72 Hrs	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	Parameters												HOLD				
Received Intact:	(Yes) No	Thermometer ID:	128																					
Cooler Custody Seals:	Yes No	Correction Factor:	-0.1																					
Sample Custody Seals:	Yes No	Temperature Reading:	1.0																					
Total Containers:		Corrected Temperature:	-0.9																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B												Sample Comments				
H-1 (0-0.5')		2/10/2022		X		G	1	X	X	X	TPH 8015M (GRO + DRO + MRO)													
H-2 (0-0.5')		2/10/2022		X		G	1	X	X	X	Chloride 300.0													
H-3 (0-0.5')		2/10/2022		X		G	1	X	X	X														
H-4 (0-0.5')		2/10/2022		X		G	1	X	X	X														
H-5 (0-0.5')		2/10/2022		X		G	1	X	X	X														
H-6 (0-0.5')		2/10/2022		X		G	1	X	X	X														
H-7 (0-0.5')		2/10/2022		X		G	1	X	X	X														
		</																						

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>James McFarland</i>	<i>[Signature]</i>	2/11/22 11:13			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-11196-1

SDG Number: Lea Co NM

Login Number: 11196

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing
America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2145-1
Laboratory Sample Delivery Group: Lea Co NM
Client Project/Site: McCloy Pond
Revision: 1

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:
4/4/2022 4:06:05 PM

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

LINKS

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results through
TotalAccess

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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: McCloy Pond

Laboratory Job ID: 890-2145-1
SDG: Lea Co NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	33
QC Sample Results	36
QC Association Summary	46
Lab Chronicle	54
Certification Summary	65
Method Summary	66
Sample Summary	67
Chain of Custody	68
Receipt Checklists	72

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Carlsbad

Case Narrative

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Job ID: 890-2145-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2145-1

REVISION

The report being provided is a revision of the original report sent on 4/1/2022. The report (revision 1) is being revised due to Per client email, incorrect project information was provided, report and EDD updated.

Report revision history

Receipt

The samples were received on 3/28/2022 4:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 2 (890-2145-3) and T-3 5 (890-2145-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-2145-A-1-D MS). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-22550 and analytical batch 880-22602 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 880-22613 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.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-3 9 (890-2145-22), T-3 10 (890-2145-23), T-3 11 (890-2145-24), T-3 12 (890-2145-25), T-4 5 (890-2145-31), (MB 880-22659/1-A), (890-2143-A-21-O MS) and (890-2143-A-21-P MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 0-1

Lab Sample ID: 890-2145-1

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		03/29/22 11:58	03/30/22 16:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 16:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 16:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 16:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 16:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/29/22 11:58	03/30/22 16:10	1
1,4-Difluorobenzene (Surr)	110		70 - 130	03/29/22 11:58	03/30/22 16:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 21:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		03/30/22 09:12	03/30/22 21:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	03/30/22 09:12	03/30/22 21:34	1
o-Terphenyl	106		70 - 130	03/30/22 09:12	03/30/22 21:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3040		50.4		mg/Kg			03/31/22 12:00	10

Client Sample ID: T-1 1

Lab Sample ID: 890-2145-2

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

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		03/29/22 11:58	03/30/22 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 16:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 16:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/29/22 11:58	03/30/22 16:30	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 1

Lab Sample ID: 890-2145-2

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	112		70 - 130	03/29/22 11:58	03/30/22 16:30	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/30/22 22:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/30/22 22:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/30/22 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				03/30/22 09:12	03/30/22 22:36	1
o-Terphenyl	103		70 - 130				03/30/22 09:12	03/30/22 22:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1990		24.9		mg/Kg			03/31/22 12:09	5

Client Sample ID: T-1 2

Lab Sample ID: 890-2145-3

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 2

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		03/29/22 11:58	03/30/22 16:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 16:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 16:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/29/22 11:58	03/30/22 16:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 16:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/29/22 11:58	03/30/22 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	03/29/22 11:58	03/30/22 16:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/29/22 11:58	03/30/22 16:51	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			03/31/22 09:50	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 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 2

Lab Sample ID: 890-2145-3

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 2

Method: 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		03/30/22 09:12	03/30/22 22:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 22:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				03/30/22 09:12	03/30/22 22:57	1
o-Terphenyl	105		70 - 130				03/30/22 09:12	03/30/22 22:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		25.0		mg/Kg			03/31/22 12:18	5

Client Sample ID: T-1 3

Lab Sample ID: 890-2145-4

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 3

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		03/29/22 11:58	03/30/22 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 17:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/22 11:58	03/30/22 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 17:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/22 11:58	03/30/22 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				03/29/22 11:58	03/30/22 17:12	1
1,4-Difluorobenzene (Surr)	103		70 - 130				03/29/22 11:58	03/30/22 17:12	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 23:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 23:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				03/30/22 09:12	03/30/22 23:17	1
o-Terphenyl	111		70 - 130				03/30/22 09:12	03/30/22 23:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 3

Lab Sample ID: 890-2145-4

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4760		49.8		mg/Kg			03/31/22 12:27	10

Client Sample ID: T-1 4

Lab Sample ID: 890-2145-5

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 4

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		03/29/22 11:58	03/30/22 17:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/29/22 11:58	03/30/22 17:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/29/22 11:58	03/30/22 17:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/29/22 11:58	03/30/22 17:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/29/22 11:58	03/30/22 17:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/29/22 11:58	03/30/22 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				03/29/22 11:58	03/30/22 17:33	1
1,4-Difluorobenzene (Surr)	112		70 - 130				03/29/22 11:58	03/30/22 17:33	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			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 23:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 23:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				03/30/22 09:12	03/30/22 23:38	1
o-Terphenyl	109		70 - 130				03/30/22 09:12	03/30/22 23:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5570		50.0		mg/Kg			03/31/22 12:36	10

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 5

Lab Sample ID: 890-2145-6

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 5

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		03/29/22 11:58	03/30/22 17:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 17:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 17:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 17:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 17:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/29/22 11:58	03/30/22 17:53	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/29/22 11:58	03/30/22 17:53	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 23:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 23:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/30/22 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	03/30/22 09:12	03/30/22 23:58	1
o-Terphenyl	124		70 - 130	03/30/22 09:12	03/30/22 23:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		25.0		mg/Kg			03/31/22 20:07	5

Client Sample ID: T-1 6

Lab Sample ID: 890-2145-7

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 6

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		03/29/22 11:58	03/30/22 18:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/22 11:58	03/30/22 18:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/22 11:58	03/30/22 18:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/22 11:58	03/30/22 18:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/22 11:58	03/30/22 18:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/22 11:58	03/30/22 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/29/22 11:58	03/30/22 18:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 6

Lab Sample ID: 890-2145-7

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	74		70 - 130	03/29/22 11:58	03/30/22 18:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				03/30/22 09:12	03/31/22 00:19	1
o-Terphenyl	111		70 - 130				03/30/22 09:12	03/31/22 00:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		4.97		mg/Kg			03/31/22 20:34	1

Client Sample ID: T-2 0-1

Lab Sample ID: 890-2145-8

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 0 - 1

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		03/29/22 11:58	03/30/22 18:35	1
Toluene	0.00211		0.00200		mg/Kg		03/29/22 11:58	03/30/22 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 18:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/22 11:58	03/30/22 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 18:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/22 11:58	03/30/22 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				03/29/22 11:58	03/30/22 18:35	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/29/22 11:58	03/30/22 18:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.8		50.0		mg/Kg			03/31/22 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-2 0-1

Lab Sample ID: 890-2145-8

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 0 - 1

Method: 8015B NM - Diesel 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		03/30/22 09:12	03/31/22 00:39	1
Diesel Range Organics (Over C10-C28)	65.8		50.0		mg/Kg		03/30/22 09:12	03/31/22 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				03/30/22 09:12	03/31/22 00:39	1
o-Terphenyl	105		70 - 130				03/30/22 09:12	03/31/22 00:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2890		24.8		mg/Kg			03/31/22 20:42	5

Client Sample ID: T-2 1

Lab Sample ID: 890-2145-9

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

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		03/29/22 11:58	03/30/22 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 18:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/22 11:58	03/30/22 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 18:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/22 11:58	03/30/22 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				03/29/22 11:58	03/30/22 18:55	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/29/22 11:58	03/30/22 18:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				03/30/22 09:12	03/31/22 00:59	1
o-Terphenyl	100		70 - 130				03/30/22 09:12	03/31/22 00:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-2 1

Lab Sample ID: 890-2145-9

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2130		25.0		mg/Kg			03/31/22 21:09	5

Client Sample ID: T-2 2

Lab Sample ID: 890-2145-10

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 2

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		03/29/22 11:58	03/30/22 19:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 19:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 19:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/29/22 11:58	03/30/22 19:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 19:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/29/22 11:58	03/30/22 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				03/29/22 11:58	03/30/22 19:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/29/22 11:58	03/30/22 19:16	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 01:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 01:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				03/30/22 09:12	03/31/22 01:20	1
o-Terphenyl	103		70 - 130				03/30/22 09:12	03/31/22 01:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2480		24.8		mg/Kg			03/31/22 21:18	5

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-2 3

Lab Sample ID: 890-2145-11

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 3

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		03/29/22 11:58	03/30/22 20:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 20:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 20:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 20:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 20:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/29/22 11:58	03/30/22 20:40	1
1,4-Difluorobenzene (Surr)	113		70 - 130	03/29/22 11:58	03/30/22 20:40	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 02:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 02:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	03/30/22 09:12	03/31/22 02:00	1
o-Terphenyl	110		70 - 130	03/30/22 09:12	03/31/22 02:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2750		25.0		mg/Kg			03/31/22 21:27	5

Client Sample ID: T-2 4

Lab Sample ID: 890-2145-12

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 4

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		03/29/22 11:58	03/30/22 21:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 21:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/29/22 11:58	03/30/22 21:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-2 4

Lab Sample ID: 890-2145-12

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	114		70 - 130	03/29/22 11:58	03/30/22 21:00	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			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				03/30/22 09:12	03/31/22 02:21	1
o-Terphenyl	108		70 - 130				03/30/22 09:12	03/31/22 02:21	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			03/31/22 21:36	1

Client Sample ID: T-3 0-1

Lab Sample ID: 890-2145-13

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 0 - 1

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		03/29/22 11:58	03/30/22 21:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 21:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/29/22 11:58	03/30/22 21:21	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/29/22 11:58	03/30/22 21:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 0-1

Lab Sample ID: 890-2145-13

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 0 - 1

Method: 8015B NM - Diesel 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		03/30/22 09:12	03/31/22 02:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 02:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				03/30/22 09:12	03/31/22 02:42	1
o-Terphenyl	97		70 - 130				03/30/22 09:12	03/31/22 02:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2930		50.4		mg/Kg			03/31/22 21:44	10

Client Sample ID: T-3 1

Lab Sample ID: 890-2145-14

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

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		03/29/22 11:58	03/30/22 21:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 21:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 21:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/29/22 11:58	03/30/22 21:42	1
1,4-Difluorobenzene (Surr)	111		70 - 130				03/29/22 11:58	03/30/22 21:42	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 03:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 03:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				03/30/22 09:12	03/31/22 03:02	1
o-Terphenyl	107		70 - 130				03/30/22 09:12	03/31/22 03:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 1

Lab Sample ID: 890-2145-14

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2040		25.0		mg/Kg			03/31/22 21:53	5

Client Sample ID: T-3 2

Lab Sample ID: 890-2145-15

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 2

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		03/29/22 11:58	03/30/22 22:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 22:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 22:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/29/22 11:58	03/30/22 22:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 22:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/29/22 11:58	03/30/22 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				03/29/22 11:58	03/30/22 22:02	1
1,4-Difluorobenzene (Surr)	112		70 - 130				03/29/22 11:58	03/30/22 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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 03:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 03:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				03/30/22 09:12	03/31/22 03:22	1
o-Terphenyl	105		70 - 130				03/30/22 09:12	03/31/22 03:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260		24.9		mg/Kg			03/31/22 22:02	5

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 3

Lab Sample ID: 890-2145-16

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 3

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		03/29/22 11:58	03/30/22 22:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 22:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 22:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/29/22 11:58	03/30/22 22:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/22 11:58	03/30/22 22:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/29/22 11:58	03/30/22 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	03/29/22 11:58	03/30/22 22:23	1
1,4-Difluorobenzene (Surr)	118		70 - 130	03/29/22 11:58	03/30/22 22:23	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 03:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	03/30/22 09:12	03/31/22 03:43	1
o-Terphenyl	107		70 - 130	03/30/22 09:12	03/31/22 03:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3090	F1	25.3		mg/Kg			03/31/22 17:09	5

Client Sample ID: T-3 4

Lab Sample ID: 890-2145-17

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 4

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		03/29/22 11:58	03/30/22 22:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 22:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 22:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/22 11:58	03/30/22 22:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 22:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/22 11:58	03/30/22 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/29/22 11:58	03/30/22 22:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 4

Lab Sample ID: 890-2145-17

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	03/29/22 11:58	03/30/22 22:44	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 04:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 04:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:12	03/31/22 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				03/30/22 09:12	03/31/22 04:03	1
o-Terphenyl	111		70 - 130				03/30/22 09:12	03/31/22 04:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8840		100		mg/Kg			03/31/22 17:35	20

Client Sample ID: T-3 5

Lab Sample ID: 890-2145-18

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 5

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		03/29/22 11:58	03/30/22 23:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 23:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 23:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 23:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 23:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	03/29/22 11:58	03/30/22 23:04	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/29/22 11:58	03/30/22 23:04	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			03/31/22 09:50	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 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 5

Lab Sample ID: 890-2145-18

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 5

Method: 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		03/30/22 09:12	03/31/22 04:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 04:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:12	03/31/22 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				03/30/22 09:12	03/31/22 04:23	1
o-Terphenyl	108		70 - 130				03/30/22 09:12	03/31/22 04:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5680		49.9		mg/Kg			03/31/22 17:43	10

Client Sample ID: T-3 6

Lab Sample ID: 890-2145-19

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 6

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		03/29/22 11:58	03/30/22 23:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 23:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 23:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 23:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 23:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/22 11:58	03/30/22 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				03/29/22 11:58	03/30/22 23:25	1
1,4-Difluorobenzene (Surr)	108		70 - 130				03/29/22 11:58	03/30/22 23:25	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			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 04:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 04:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/30/22 09:12	03/31/22 04:44	1
o-Terphenyl	102		70 - 130				03/30/22 09:12	03/31/22 04:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 6

Lab Sample ID: 890-2145-19

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 6

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5240		49.6		mg/Kg			03/31/22 17:52	10

Client Sample ID: T-3 7

Lab Sample ID: 890-2145-20

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 7

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		03/29/22 11:58	03/30/22 23:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 23:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 23:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 23:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/22 11:58	03/30/22 23:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/22 11:58	03/30/22 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/29/22 11:58	03/30/22 23:46	1
1,4-Difluorobenzene (Surr)	111		70 - 130				03/29/22 11:58	03/30/22 23:46	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			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 05:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 05:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/31/22 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/30/22 09:12	03/31/22 05:04	1
o-Terphenyl	110		70 - 130				03/30/22 09:12	03/31/22 05:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6600		49.5		mg/Kg			03/31/22 18:01	10

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 8

Lab Sample ID: 890-2145-21

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 8

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:15	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:15	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:15	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396		mg/Kg		03/30/22 12:00	03/30/22 22:15	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:15	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		03/30/22 12:00	03/30/22 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/30/22 12:00	03/30/22 22:15	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 12:00	03/30/22 22:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 20:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	03/30/22 14:43	03/30/22 20:02	1
o-Terphenyl	113		70 - 130	03/30/22 14:43	03/30/22 20:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6500		50.4		mg/Kg			03/31/22 18:27	10

Client Sample ID: T-3 9

Lab Sample ID: 890-2145-22

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 9

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 12:00	03/30/22 22:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 22:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 22:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:00	03/30/22 22:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 22:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 12:00	03/30/22 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/30/22 12:00	03/30/22 22:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 9

Lab Sample ID: 890-2145-22

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	03/30/22 12:00	03/30/22 22:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 20:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 20:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				03/30/22 14:43	03/30/22 20:23	1
o-Terphenyl	131	S1+	70 - 130				03/30/22 14:43	03/30/22 20:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2030		49.8		mg/Kg			03/31/22 18:36	10

Client Sample ID: T-3 10

Lab Sample ID: 890-2145-23

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 10

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 12:00	03/30/22 22:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:56	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/30/22 12:00	03/30/22 22:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:00	03/30/22 22:56	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/30/22 12:00	03/30/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/30/22 12:00	03/30/22 22:56	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/30/22 12:00	03/30/22 22:56	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			03/31/22 09:50	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 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 10

Lab Sample ID: 890-2145-23

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 10

Method: 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		03/30/22 14:43	03/30/22 20:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 20:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				03/30/22 14:43	03/30/22 20:44	1
o-Terphenyl	133	S1+	70 - 130				03/30/22 14:43	03/30/22 20:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4410		50.0		mg/Kg			03/31/22 18:45	10

Client Sample ID: T-3 11

Lab Sample ID: 890-2145-24

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 11

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 12:00	03/30/22 23:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:00	03/30/22 23:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:00	03/30/22 23:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 12:00	03/30/22 23:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:00	03/30/22 23:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 12:00	03/30/22 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/30/22 12:00	03/30/22 23:16	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/30/22 12:00	03/30/22 23:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 21:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 21:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				03/30/22 14:43	03/30/22 21:06	1
o-Terphenyl	133	S1+	70 - 130				03/30/22 14:43	03/30/22 21:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 11

Lab Sample ID: 890-2145-24

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 11

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4380		99.8		mg/Kg			04/01/22 11:36	20

Client Sample ID: T-3 12

Lab Sample ID: 890-2145-25

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 23:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 23:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 23:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:00	03/30/22 23:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:00	03/30/22 23:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 12:00	03/30/22 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				03/30/22 12:00	03/30/22 23:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/30/22 12:00	03/30/22 23:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 21:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 21:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				03/30/22 14:43	03/30/22 21:27	1
o-Terphenyl	134	S1+	70 - 130				03/30/22 14:43	03/30/22 21:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.95		mg/Kg			03/31/22 19:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 0-1

Lab Sample ID: 890-2145-26

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 0 - 1

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 12:00	03/30/22 23:57	1
Toluene	0.00237		0.00200		mg/Kg		03/30/22 12:00	03/30/22 23:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:00	03/30/22 23:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 12:00	03/30/22 23:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:00	03/30/22 23:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 12:00	03/30/22 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/30/22 12:00	03/30/22 23:57	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/30/22 12:00	03/30/22 23:57	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 22:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 22:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	03/30/22 14:43	03/30/22 22:08	1
o-Terphenyl	111		70 - 130	03/30/22 14:43	03/30/22 22:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		25.0		mg/Kg			03/31/22 19:12	5

Client Sample ID: T-4 1

Lab Sample ID: 890-2145-27

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

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 07:30	03/31/22 10:47	1
Toluene	0.00281	F2 F1	0.00201		mg/Kg		03/31/22 07:30	03/31/22 10:47	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		03/31/22 07:30	03/31/22 10:47	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402		mg/Kg		03/31/22 07:30	03/31/22 10:47	1
o-Xylene	0.00245	F2 F1	0.00201		mg/Kg		03/31/22 07:30	03/31/22 10:47	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		03/31/22 07:30	03/31/22 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/31/22 07:30	03/31/22 10:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 1

Lab Sample ID: 890-2145-27

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	112		70 - 130	03/31/22 07:30	03/31/22 10:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00526		0.00402		mg/Kg			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 22:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 22:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				03/30/22 14:43	03/30/22 22:29	1
o-Terphenyl	124		70 - 130				03/30/22 14:43	03/30/22 22:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		25.0		mg/Kg			03/31/22 19:39	5

Client Sample ID: T-4 2

Lab Sample ID: 890-2145-28

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 2

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 07:30	03/31/22 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 11:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/31/22 07:30	03/31/22 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 11:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/31/22 07:30	03/31/22 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/31/22 07:30	03/31/22 11:08	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/31/22 07:30	03/31/22 11:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/22 09:50	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 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 2

Lab Sample ID: 890-2145-28

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 2

Method: 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		03/30/22 14:43	03/30/22 22:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 22:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				03/30/22 14:43	03/30/22 22:50	1
o-Terphenyl	124		70 - 130				03/30/22 14:43	03/30/22 22:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.7		4.95		mg/Kg			03/31/22 19:49	1

Client Sample ID: T-4 3

Lab Sample ID: 890-2145-29

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 3

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 07:30	03/31/22 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 11:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/31/22 07:30	03/31/22 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/31/22 07:30	03/31/22 11:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/31/22 07:30	03/31/22 11:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/31/22 07:30	03/31/22 11:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130				03/31/22 07:30	03/31/22 11:28	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			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 23:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 23:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/30/22 14:43	03/30/22 23:11	1
o-Terphenyl	124		70 - 130				03/30/22 14:43	03/30/22 23:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 3

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Sample Depth: 3

Lab Sample ID: 890-2145-29

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		4.99		mg/Kg			03/31/22 20:17	1

Client Sample ID: T-4 4

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Sample Depth: 4

Lab Sample ID: 890-2145-30

Matrix: Solid

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 07:30	03/31/22 11:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/31/22 07:30	03/31/22 11:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/31/22 07:30	03/31/22 11:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/31/22 07:30	03/31/22 11:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/31/22 07:30	03/31/22 11:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/31/22 07:30	03/31/22 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				03/31/22 07:30	03/31/22 11:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/31/22 07:30	03/31/22 11:49	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			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 23:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 23:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/30/22 14:43	03/30/22 23:32	1
o-Terphenyl	126		70 - 130				03/30/22 14:43	03/30/22 23:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	755		4.95		mg/Kg			03/31/22 20:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 5

Lab Sample ID: 890-2145-31

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 5

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 07:30	03/31/22 12:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/31/22 07:30	03/31/22 12:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/31/22 07:30	03/31/22 12:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/31/22 07:30	03/31/22 12:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/31/22 07:30	03/31/22 12:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/31/22 07:30	03/31/22 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/31/22 07:30	03/31/22 12:09	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/31/22 07:30	03/31/22 12:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/31/22 09:50	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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 23:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 23:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	03/30/22 14:43	03/30/22 23:52	1
o-Terphenyl	132	S1+	70 - 130	03/30/22 14:43	03/30/22 23:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		25.2		mg/Kg			03/31/22 20:36	5

Client Sample ID: T-4 6

Lab Sample ID: 890-2145-32

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 6

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 07:30	03/31/22 12:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/31/22 07:30	03/31/22 12:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/31/22 07:30	03/31/22 12:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/31/22 07:30	03/31/22 12:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/31/22 07:30	03/31/22 12:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/31/22 07:30	03/31/22 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/31/22 07:30	03/31/22 12:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 6

Lab Sample ID: 890-2145-32

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	03/31/22 07:30	03/31/22 12:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/31/22 00:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/31/22 00:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/31/22 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/30/22 14:43	03/31/22 00:12	1
o-Terphenyl	116		70 - 130				03/30/22 14:43	03/31/22 00:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		24.9		mg/Kg			03/31/22 20:45	5

Client Sample ID: T-4 7

Lab Sample ID: 890-2145-33

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 7

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 07:30	03/31/22 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 07:30	03/31/22 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 07:30	03/31/22 12:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 07:30	03/31/22 12:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 07:30	03/31/22 12:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 07:30	03/31/22 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/31/22 07:30	03/31/22 12:50	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/31/22 07:30	03/31/22 12:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 09:50	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 08:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 7

Lab Sample ID: 890-2145-33

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 7

Method: 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		03/30/22 14:43	03/31/22 00:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/31/22 00:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/31/22 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/30/22 14:43	03/31/22 00:32	1
o-Terphenyl	112		70 - 130				03/30/22 14:43	03/31/22 00:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		4.99		mg/Kg			03/31/22 20:54	1

Client Sample ID: T-4 8

Lab Sample ID: 890-2145-34

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Sample Depth: 8

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 07:30	03/31/22 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/31/22 07:30	03/31/22 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/31/22 07:30	03/31/22 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/31/22 07:30	03/31/22 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/31/22 07:30	03/31/22 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/31/22 07:30	03/31/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				03/31/22 07:30	03/31/22 13:11	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/31/22 07:30	03/31/22 13:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 09:50	1

Method: 8015 NM - Diesel 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 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/31/22 00:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/31/22 00:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/31/22 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/30/22 14:43	03/31/22 00:53	1
o-Terphenyl	117		70 - 130				03/30/22 14:43	03/31/22 00:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 8
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 8

Lab Sample ID: 890-2145-34
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		5.00		mg/Kg			03/31/22 21:03	1

Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea 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)
890-2145-1	T-1 0-1	110	110
890-2145-1 MS	T-1 0-1	54 S1-	71
890-2145-1 MSD	T-1 0-1	108	95
890-2145-2	T-1 1	104	112
890-2145-3	T-1 2	155 S1+	99
890-2145-4	T-1 3	111	103
890-2145-5	T-1 4	100	112
890-2145-6	T-1 5	109	104
890-2145-7	T-1 6	110	74
890-2145-8	T-2 0-1	127	106
890-2145-9	T-2 1	118	96
890-2145-10	T-2 2	109	106
890-2145-11	T-2 3	108	113
890-2145-12	T-2 4	108	114
890-2145-13	T-3 0-1	103	107
890-2145-14	T-3 1	113	111
890-2145-15	T-3 2	118	112
890-2145-16	T-3 3	118	118
890-2145-17	T-3 4	110	109
890-2145-18	T-3 5	134 S1+	111
890-2145-19	T-3 6	120	108
890-2145-20	T-3 7	113	111
890-2145-21	T-3 8	105	108
890-2145-21 MS	T-3 8	104	110
890-2145-21 MSD	T-3 8	102	110
890-2145-22	T-3 9	103	108
890-2145-23	T-3 10	103	107
890-2145-24	T-3 11	104	109
890-2145-25	T-3 12	102	107
890-2145-26	T-4 0-1	113	91
890-2145-27	T-4 1	101	112
890-2145-27 MS	T-4 1	105	111
890-2145-27 MSD	T-4 1	104	109
890-2145-28	T-4 2	103	107
890-2145-29	T-4 3	108	102
890-2145-30	T-4 4	106	107
890-2145-31	T-4 5	102	106
890-2145-32	T-4 6	105	108
890-2145-33	T-4 7	109	107
890-2145-34	T-4 8	106	107
LCS 880-22550/1-A	Lab Control Sample	103	111
LCS 880-22562/1-A	Lab Control Sample	117	101
LCS 880-22613/1-A	Lab Control Sample	102	112
LCSD 880-22550/2-A	Lab Control Sample Dup	105	112
LCSD 880-22562/2-A	Lab Control Sample Dup	117	109
LCSD 880-22613/2-A	Lab Control Sample Dup	106	113
MB 880-22550/5-A	Method Blank	102	102
MB 880-22562/5-A	Method Blank	123	97
MB 880-22602/9	Method Blank	103	104

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Surrogate Summary

Client: Carmona Resources

Job ID: 890-2145-1

Project/Site: McCloy Pond

SDG: Lea Co NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-22613/5-A	Method Blank	104	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)
890-2143-A-21-O MS	Matrix Spike	148 S1+	139 S1+
890-2143-A-21-P MSD	Matrix Spike Duplicate	145 S1+	135 S1+
890-2145-1	T-1 0-1	96	106
890-2145-1 MS	T-1 0-1	98	103
890-2145-1 MSD	T-1 0-1	98	106
890-2145-2	T-1 1	92	103
890-2145-3	T-1 2	92	105
890-2145-4	T-1 3	96	111
890-2145-5	T-1 4	90	109
890-2145-6	T-1 5	110	124
890-2145-7	T-1 6	93	111
890-2145-8	T-2 0-1	92	105
890-2145-9	T-2 1	90	100
890-2145-10	T-2 2	92	103
890-2145-11	T-2 3	97	110
890-2145-12	T-2 4	95	108
890-2145-13	T-3 0-1	89	97
890-2145-14	T-3 1	96	107
890-2145-15	T-3 2	95	105
890-2145-16	T-3 3	92	107
890-2145-17	T-3 4	94	111
890-2145-18	T-3 5	96	108
890-2145-19	T-3 6	91	102
890-2145-20	T-3 7	91	110
890-2145-21	T-3 8	108	113
890-2145-22	T-3 9	127	131 S1+
890-2145-23	T-3 10	127	133 S1+
890-2145-24	T-3 11	125	133 S1+
890-2145-25	T-3 12	128	134 S1+
890-2145-26	T-4 0-1	110	111
890-2145-27	T-4 1	123	124
890-2145-28	T-4 2	125	124
890-2145-29	T-4 3	124	124
890-2145-30	T-4 4	124	126
890-2145-31	T-4 5	126	132 S1+
890-2145-32	T-4 6	112	116
890-2145-33	T-4 7	111	112
890-2145-34	T-4 8	112	117
LCS 880-22659/2-A	Lab Control Sample	103	93

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Surrogate Summary

Client: Carmona Resources

Job ID: 890-2145-1

Project/Site: McCloy Pond

SDG: Lea 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)
LCSD 880-22659/3-A	Lab Control Sample Dup	111	101
MB 880-22659/1-A	Method Blank	146 S1+	160 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 880-22616/2-A	Lab Control Sample	93	107
LCSD 880-22616/3-A	Lab Control Sample Dup	92	106
MB 880-22616/1-A	Method Blank	100	121
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-22550/5-A

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:00	03/30/22 21:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:00	03/30/22 21:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:00	03/30/22 21:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 12:00	03/30/22 21:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:00	03/30/22 21:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 12:00	03/30/22 21:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/30/22 12:00	03/30/22 21:53	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/30/22 12:00	03/30/22 21:53	1

Lab Sample ID: LCS 880-22550/1-A

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09449		mg/Kg		94	70 - 130
Toluene	0.100	0.09387		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09472		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1970		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09715		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-22550/2-A

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09699		mg/Kg		97	70 - 130	3	35
Toluene	0.100	0.09583		mg/Kg		96	70 - 130	2	35
Ethylbenzene	0.100	0.09695		mg/Kg		97	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2018		mg/Kg		101	70 - 130	2	35
o-Xylene	0.100	0.09943		mg/Kg		99	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 890-2145-21 MS

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: T-3 8

Prep Type: Total/NA

Prep Batch: 22550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1	0.0998	0.05846	F1	mg/Kg		59	70 - 130
Toluene	<0.00198	U F1	0.0998	0.04914	F1	mg/Kg		49	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

Lab Sample ID: 890-2145-21 MS

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: T-3 8

Prep Type: Total/NA

Prep Batch: 22550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U F1	0.0998	0.04630	F1	mg/Kg		46	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.09242	F1	mg/Kg		46	70 - 130
o-Xylene	<0.00198	U F1	0.0998	0.05027	F1	mg/Kg		50	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-2145-21 MSD

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: T-3 8

Prep Type: Total/NA

Prep Batch: 22550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0990	0.05819	F1	mg/Kg		59	70 - 130	0	35
Toluene	<0.00198	U F1	0.0990	0.04877	F1	mg/Kg		49	70 - 130	1	35
Ethylbenzene	<0.00198	U F1	0.0990	0.04697	F1	mg/Kg		47	70 - 130	1	35
m-Xylene & p-Xylene	<0.00396	U F1	0.198	0.09619	F1	mg/Kg		49	70 - 130	4	35
o-Xylene	<0.00198	U F1	0.0990	0.05075	F1	mg/Kg		51	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-22562/5-A

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 15:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 15:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 15:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/22 11:58	03/30/22 15:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/22 11:58	03/30/22 15:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/22 11:58	03/30/22 15:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	03/29/22 11:58	03/30/22 15:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/29/22 11:58	03/30/22 15:48	1

Lab Sample ID: LCS 880-22562/1-A

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09125		mg/Kg		91	70 - 130
Toluene	0.100	0.09118		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.1039		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2281		mg/Kg		114	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

Lab Sample ID: LCS 880-22562/1-A

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1138		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-22562/2-A

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22562

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08680		mg/Kg		87	70 - 130	5	35
Toluene	0.100	0.08812		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2334		mg/Kg		117	70 - 130	2	35
o-Xylene	0.100	0.1162		mg/Kg		116	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-2145-1 MS

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: T-1 0-1

Prep Type: Total/NA

Prep Batch: 22562

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.06297	F1	mg/Kg		62	70 - 130
Toluene	<0.00201	U	0.100	0.07771		mg/Kg		77	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09623		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1951		mg/Kg		97	70 - 130
o-Xylene	<0.00201	U	0.100	0.08457		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	54	S1-	70 - 130
1,4-Difluorobenzene (Surr)	71		70 - 130

Lab Sample ID: 890-2145-1 MSD

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: T-1 0-1

Prep Type: Total/NA

Prep Batch: 22562

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U F1	0.0994	0.06713	F1	mg/Kg		67	70 - 130	6	35
Toluene	<0.00201	U	0.0994	0.07215		mg/Kg		72	70 - 130	7	35
Ethylbenzene	<0.00201	U	0.0994	0.07803		mg/Kg		78	70 - 130	21	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1656		mg/Kg		83	70 - 130	16	35
o-Xylene	<0.00201	U	0.0994	0.08225		mg/Kg		82	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

Lab Sample ID: 890-2145-1 MSD

Matrix: Solid

Analysis Batch: 22614

Client Sample ID: T-1 0-1

Prep Type: Total/NA

Prep Batch: 22562

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-22602/9

Matrix: Solid

Analysis Batch: 22602

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			03/30/22 10:59	1
Toluene	<0.00200	U	0.00200		mg/Kg			03/30/22 10:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			03/30/22 10:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			03/30/22 10:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			03/30/22 10:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			03/30/22 10:59	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130					03/30/22 10:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130					03/30/22 10:59	1

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	MB							
	Result	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

	MB	MB							
Surrogate	%Recovery	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	LCS	LCS						
	Added	Result	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	

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

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

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

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

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22613

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

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

Lab Sample ID: 890-2145-27 MS

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: T-4 1

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 F2 F1	0.0996	0.09005		mg/Kg		90	70 - 130
Toluene	0.00281	F2 F1	0.0996	0.08700		mg/Kg		85	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.0996	0.08603		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.199	0.1777		mg/Kg		88	70 - 130
o-Xylene	0.00245	F2 F1	0.0996	0.08670		mg/Kg		85	70 - 130

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

Lab Sample ID: 890-2145-27 MSD

Matrix: Solid

Analysis Batch: 22684

Client Sample ID: T-4 1

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 F2 F1	0.101	0.03291	F2 F1	mg/Kg		32	70 - 130	93	35
Toluene	0.00281	F2 F1	0.101	0.03429	F2 F1	mg/Kg		31	70 - 130	87	35
Ethylbenzene	<0.00201	U F2 F1	0.101	0.03471	F2 F1	mg/Kg		33	70 - 130	85	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.201	0.07523	F2 F1	mg/Kg		36	70 - 130	81	35
o-Xylene	0.00245	F2 F1	0.101	0.04224	F2 F1	mg/Kg		40	70 - 130	69	35

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

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

Lab Sample ID: MB 880-22616/1-A

Matrix: Solid

Analysis Batch: 22610

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22616

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		03/30/22 09:12	03/30/22 20:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 20:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:12	03/30/22 20:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	03/30/22 09:12	03/30/22 20:32	1
o-Terphenyl	121		70 - 130	03/30/22 09:12	03/30/22 20:32	1

Lab Sample ID: LCS 880-22616/2-A

Matrix: Solid

Analysis Batch: 22610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	818.2		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	951.0		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: LCSD 880-22616/3-A

Matrix: Solid

Analysis Batch: 22610

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22616

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	822.5		mg/Kg		82	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	916.5		mg/Kg		92	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-2145-1 MS

Matrix: Solid

Analysis Batch: 22610

Client Sample ID: T-1 0-1

Prep Type: Total/NA

Prep Batch: 22616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	759.2		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	656.4	F1	mg/Kg		63	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

Lab Sample ID: 890-2145-1 MS

Matrix: Solid

Analysis Batch: 22610

Client Sample ID: T-1 0-1

Prep Type: Total/NA

Prep Batch: 22616

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 890-2145-1 MSD

Matrix: Solid

Analysis Batch: 22610

Client Sample ID: T-1 0-1

Prep Type: Total/NA

Prep Batch: 22616

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	996	790.1		mg/Kg		77	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	996	671.7	F1	mg/Kg		65	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: MB 880-22659/1-A

Matrix: Solid

Analysis Batch: 22606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22659

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		03/30/22 14:43	03/30/22 16:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 16:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 16:31	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	146	S1+	70 - 130	03/30/22 14:43	03/30/22 16:31	1
o-Terphenyl	160	S1+	70 - 130	03/30/22 14:43	03/30/22 16:31	1

Lab Sample ID: LCS 880-22659/2-A

Matrix: Solid

Analysis Batch: 22606

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	926.1		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	891.8		mg/Kg		89	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	93		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

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

Lab Sample ID: LCSD 880-22659/3-A

Matrix: Solid

Analysis Batch: 22606

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	929.5		mg/Kg		93	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	936.7		mg/Kg		94	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	111		70 - 130						
o-Terphenyl	101		70 - 130						

Lab Sample ID: 890-2143-A-21-O MS

Matrix: Solid

Analysis Batch: 22606

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 22659

Report Date: 12/09/2019										
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1025		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	934.7		mg/Kg		94	70 - 130	
Surrogate	MS %Recovery	MS Qualifier	Limits							
1-Chlorooctane	148	S1+	70 - 130							
o-Terphenyl	139	S1+	70 - 130							

Lab Sample ID: 890-2143-A-21-P MSD

Matrix: Solid

Analysis Batch: 22606

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 22659

	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Analyte											
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	1017		mg/Kg		102	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	911.3		mg/Kg		92	70 - 130	3	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-22581/1-A

Matrix: Solid

Analysis Batch: 22723

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			03/31/22 10:14	1

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-22581/2-A

Matrix: Solid

Analysis Batch: 22723

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.7		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-22581/3-A

Matrix: Solid

Analysis Batch: 22723

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-2145-6 MS

Matrix: Solid

Analysis Batch: 22723

Client Sample ID: T-1 5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2600		1250	3931		mg/Kg		107	90 - 110

Lab Sample ID: 890-2145-6 MSD

Matrix: Solid

Analysis Batch: 22723

Client Sample ID: T-1 5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2600		1250	3878		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-22582/1-A

Matrix: Solid

Analysis Batch: 22732

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			03/31/22 16:43	1

Lab Sample ID: LCS 880-22582/2-A

Matrix: Solid

Analysis Batch: 22732

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-22582/3-A

Matrix: Solid

Analysis Batch: 22732

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.5		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-2145-16 MS

Matrix: Solid

Analysis Batch: 22732

Client Sample ID: T-3 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3090	F1	1260	4505	F1	mg/Kg		112	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2145-16 MSD

Matrix: Solid

Analysis Batch: 22732

Client Sample ID: T-3 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3090	F1	1260	4415		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 890-2145-26 MS

Matrix: Solid

Analysis Batch: 22732

Client Sample ID: T-4 0-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1430		1250	2723		mg/Kg		103	90 - 110		

Lab Sample ID: 890-2145-26 MSD

Matrix: Solid

Analysis Batch: 22732

Client Sample ID: T-4 0-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1430		1250	2676		mg/Kg		100	90 - 110	2	20

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

GC VOA

Prep Batch: 22550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-21	T-3 8	Total/NA	Solid	5035	
890-2145-22	T-3 9	Total/NA	Solid	5035	
890-2145-23	T-3 10	Total/NA	Solid	5035	
890-2145-24	T-3 11	Total/NA	Solid	5035	
890-2145-25	T-3 12	Total/NA	Solid	5035	
890-2145-26	T-4 0-1	Total/NA	Solid	5035	
MB 880-22550/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22550/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22550/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2145-21 MS	T-3 8	Total/NA	Solid	5035	
890-2145-21 MSD	T-3 8	Total/NA	Solid	5035	

Prep Batch: 22562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Total/NA	Solid	5035	
890-2145-2	T-1 1	Total/NA	Solid	5035	
890-2145-3	T-1 2	Total/NA	Solid	5035	
890-2145-4	T-1 3	Total/NA	Solid	5035	
890-2145-5	T-1 4	Total/NA	Solid	5035	
890-2145-6	T-1 5	Total/NA	Solid	5035	
890-2145-7	T-1 6	Total/NA	Solid	5035	
890-2145-8	T-2 0-1	Total/NA	Solid	5035	
890-2145-9	T-2 1	Total/NA	Solid	5035	
890-2145-10	T-2 2	Total/NA	Solid	5035	
890-2145-11	T-2 3	Total/NA	Solid	5035	
890-2145-12	T-2 4	Total/NA	Solid	5035	
890-2145-13	T-3 0-1	Total/NA	Solid	5035	
890-2145-14	T-3 1	Total/NA	Solid	5035	
890-2145-15	T-3 2	Total/NA	Solid	5035	
890-2145-16	T-3 3	Total/NA	Solid	5035	
890-2145-17	T-3 4	Total/NA	Solid	5035	
890-2145-18	T-3 5	Total/NA	Solid	5035	
890-2145-19	T-3 6	Total/NA	Solid	5035	
890-2145-20	T-3 7	Total/NA	Solid	5035	
MB 880-22562/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22562/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22562/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2145-1 MS	T-1 0-1	Total/NA	Solid	5035	
890-2145-1 MSD	T-1 0-1	Total/NA	Solid	5035	

Analysis Batch: 22602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-21	T-3 8	Total/NA	Solid	8021B	22550
890-2145-22	T-3 9	Total/NA	Solid	8021B	22550
890-2145-23	T-3 10	Total/NA	Solid	8021B	22550
890-2145-24	T-3 11	Total/NA	Solid	8021B	22550
890-2145-25	T-3 12	Total/NA	Solid	8021B	22550
890-2145-26	T-4 0-1	Total/NA	Solid	8021B	22550
MB 880-22550/5-A	Method Blank	Total/NA	Solid	8021B	22550
MB 880-22602/9	Method Blank	Total/NA	Solid	8021B	
LCS 880-22550/1-A	Lab Control Sample	Total/NA	Solid	8021B	22550

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

GC VOA (Continued)

Analysis Batch: 22602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-22550/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22550
890-2145-21 MS	T-3 8	Total/NA	Solid	8021B	22550
890-2145-21 MSD	T-3 8	Total/NA	Solid	8021B	22550

Prep Batch: 22613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-27	T-4 1	Total/NA	Solid	5035	
890-2145-28	T-4 2	Total/NA	Solid	5035	
890-2145-29	T-4 3	Total/NA	Solid	5035	
890-2145-30	T-4 4	Total/NA	Solid	5035	
890-2145-31	T-4 5	Total/NA	Solid	5035	
890-2145-32	T-4 6	Total/NA	Solid	5035	
890-2145-33	T-4 7	Total/NA	Solid	5035	
890-2145-34	T-4 8	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	
890-2145-27 MS	T-4 1	Total/NA	Solid	5035	
890-2145-27 MSD	T-4 1	Total/NA	Solid	5035	

Analysis Batch: 22614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Total/NA	Solid	8021B	22562
890-2145-2	T-1 1	Total/NA	Solid	8021B	22562
890-2145-3	T-1 2	Total/NA	Solid	8021B	22562
890-2145-4	T-1 3	Total/NA	Solid	8021B	22562
890-2145-5	T-1 4	Total/NA	Solid	8021B	22562
890-2145-6	T-1 5	Total/NA	Solid	8021B	22562
890-2145-7	T-1 6	Total/NA	Solid	8021B	22562
890-2145-8	T-2 0-1	Total/NA	Solid	8021B	22562
890-2145-9	T-2 1	Total/NA	Solid	8021B	22562
890-2145-10	T-2 2	Total/NA	Solid	8021B	22562
890-2145-11	T-2 3	Total/NA	Solid	8021B	22562
890-2145-12	T-2 4	Total/NA	Solid	8021B	22562
890-2145-13	T-3 0-1	Total/NA	Solid	8021B	22562
890-2145-14	T-3 1	Total/NA	Solid	8021B	22562
890-2145-15	T-3 2	Total/NA	Solid	8021B	22562
890-2145-16	T-3 3	Total/NA	Solid	8021B	22562
890-2145-17	T-3 4	Total/NA	Solid	8021B	22562
890-2145-18	T-3 5	Total/NA	Solid	8021B	22562
890-2145-19	T-3 6	Total/NA	Solid	8021B	22562
890-2145-20	T-3 7	Total/NA	Solid	8021B	22562
MB 880-22562/5-A	Method Blank	Total/NA	Solid	8021B	22562
LCS 880-22562/1-A	Lab Control Sample	Total/NA	Solid	8021B	22562
LCSD 880-22562/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22562
890-2145-1 MS	T-1 0-1	Total/NA	Solid	8021B	22562
890-2145-1 MSD	T-1 0-1	Total/NA	Solid	8021B	22562

Analysis Batch: 22684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-27	T-4 1	Total/NA	Solid	8021B	22613

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

GC VOA (Continued)

Analysis Batch: 22684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-28	T-4 2	Total/NA	Solid	8021B	22613
890-2145-29	T-4 3	Total/NA	Solid	8021B	22613
890-2145-30	T-4 4	Total/NA	Solid	8021B	22613
890-2145-31	T-4 5	Total/NA	Solid	8021B	22613
890-2145-32	T-4 6	Total/NA	Solid	8021B	22613
890-2145-33	T-4 7	Total/NA	Solid	8021B	22613
890-2145-34	T-4 8	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
890-2145-27 MS	T-4 1	Total/NA	Solid	8021B	22613
890-2145-27 MSD	T-4 1	Total/NA	Solid	8021B	22613

Analysis Batch: 22712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Total/NA	Solid	Total BTEX	
890-2145-2	T-1 1	Total/NA	Solid	Total BTEX	
890-2145-3	T-1 2	Total/NA	Solid	Total BTEX	
890-2145-4	T-1 3	Total/NA	Solid	Total BTEX	
890-2145-5	T-1 4	Total/NA	Solid	Total BTEX	
890-2145-6	T-1 5	Total/NA	Solid	Total BTEX	
890-2145-7	T-1 6	Total/NA	Solid	Total BTEX	
890-2145-8	T-2 0-1	Total/NA	Solid	Total BTEX	
890-2145-9	T-2 1	Total/NA	Solid	Total BTEX	
890-2145-10	T-2 2	Total/NA	Solid	Total BTEX	
890-2145-11	T-2 3	Total/NA	Solid	Total BTEX	
890-2145-12	T-2 4	Total/NA	Solid	Total BTEX	
890-2145-13	T-3 0-1	Total/NA	Solid	Total BTEX	
890-2145-14	T-3 1	Total/NA	Solid	Total BTEX	
890-2145-15	T-3 2	Total/NA	Solid	Total BTEX	
890-2145-16	T-3 3	Total/NA	Solid	Total BTEX	
890-2145-17	T-3 4	Total/NA	Solid	Total BTEX	
890-2145-18	T-3 5	Total/NA	Solid	Total BTEX	
890-2145-19	T-3 6	Total/NA	Solid	Total BTEX	
890-2145-20	T-3 7	Total/NA	Solid	Total BTEX	
890-2145-21	T-3 8	Total/NA	Solid	Total BTEX	
890-2145-22	T-3 9	Total/NA	Solid	Total BTEX	
890-2145-23	T-3 10	Total/NA	Solid	Total BTEX	
890-2145-24	T-3 11	Total/NA	Solid	Total BTEX	
890-2145-25	T-3 12	Total/NA	Solid	Total BTEX	
890-2145-26	T-4 0-1	Total/NA	Solid	Total BTEX	
890-2145-27	T-4 1	Total/NA	Solid	Total BTEX	
890-2145-28	T-4 2	Total/NA	Solid	Total BTEX	
890-2145-29	T-4 3	Total/NA	Solid	Total BTEX	
890-2145-30	T-4 4	Total/NA	Solid	Total BTEX	
890-2145-31	T-4 5	Total/NA	Solid	Total BTEX	
890-2145-32	T-4 6	Total/NA	Solid	Total BTEX	
890-2145-33	T-4 7	Total/NA	Solid	Total BTEX	
890-2145-34	T-4 8	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

GC Semi VOA

Analysis Batch: 22606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-21	T-3 8	Total/NA	Solid	8015B NM	22659
890-2145-22	T-3 9	Total/NA	Solid	8015B NM	22659
890-2145-23	T-3 10	Total/NA	Solid	8015B NM	22659
890-2145-24	T-3 11	Total/NA	Solid	8015B NM	22659
890-2145-25	T-3 12	Total/NA	Solid	8015B NM	22659
890-2145-26	T-4 0-1	Total/NA	Solid	8015B NM	22659
890-2145-27	T-4 1	Total/NA	Solid	8015B NM	22659
890-2145-28	T-4 2	Total/NA	Solid	8015B NM	22659
890-2145-29	T-4 3	Total/NA	Solid	8015B NM	22659
890-2145-30	T-4 4	Total/NA	Solid	8015B NM	22659
890-2145-31	T-4 5	Total/NA	Solid	8015B NM	22659
890-2145-32	T-4 6	Total/NA	Solid	8015B NM	22659
890-2145-33	T-4 7	Total/NA	Solid	8015B NM	22659
890-2145-34	T-4 8	Total/NA	Solid	8015B NM	22659
MB 880-22659/1-A	Method Blank	Total/NA	Solid	8015B NM	22659
LCS 880-22659/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22659
LCSD 880-22659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22659
890-2143-A-21-O MS	Matrix Spike	Total/NA	Solid	8015B NM	22659
890-2143-A-21-P MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	22659

Analysis Batch: 22610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Total/NA	Solid	8015B NM	22616
890-2145-2	T-1 1	Total/NA	Solid	8015B NM	22616
890-2145-3	T-1 2	Total/NA	Solid	8015B NM	22616
890-2145-4	T-1 3	Total/NA	Solid	8015B NM	22616
890-2145-5	T-1 4	Total/NA	Solid	8015B NM	22616
890-2145-6	T-1 5	Total/NA	Solid	8015B NM	22616
890-2145-7	T-1 6	Total/NA	Solid	8015B NM	22616
890-2145-8	T-2 0-1	Total/NA	Solid	8015B NM	22616
890-2145-9	T-2 1	Total/NA	Solid	8015B NM	22616
890-2145-10	T-2 2	Total/NA	Solid	8015B NM	22616
890-2145-11	T-2 3	Total/NA	Solid	8015B NM	22616
890-2145-12	T-2 4	Total/NA	Solid	8015B NM	22616
890-2145-13	T-3 0-1	Total/NA	Solid	8015B NM	22616
890-2145-14	T-3 1	Total/NA	Solid	8015B NM	22616
890-2145-15	T-3 2	Total/NA	Solid	8015B NM	22616
890-2145-16	T-3 3	Total/NA	Solid	8015B NM	22616
890-2145-17	T-3 4	Total/NA	Solid	8015B NM	22616
890-2145-18	T-3 5	Total/NA	Solid	8015B NM	22616
890-2145-19	T-3 6	Total/NA	Solid	8015B NM	22616
890-2145-20	T-3 7	Total/NA	Solid	8015B NM	22616
MB 880-22616/1-A	Method Blank	Total/NA	Solid	8015B NM	22616
LCS 880-22616/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22616
LCSD 880-22616/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22616
890-2145-1 MS	T-1 0-1	Total/NA	Solid	8015B NM	22616
890-2145-1 MSD	T-1 0-1	Total/NA	Solid	8015B NM	22616

Prep Batch: 22616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

GC Semi VOA (Continued)

Prep Batch: 22616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-2	T-1 1	Total/NA	Solid	8015NM Prep	
890-2145-3	T-1 2	Total/NA	Solid	8015NM Prep	
890-2145-4	T-1 3	Total/NA	Solid	8015NM Prep	
890-2145-5	T-1 4	Total/NA	Solid	8015NM Prep	
890-2145-6	T-1 5	Total/NA	Solid	8015NM Prep	
890-2145-7	T-1 6	Total/NA	Solid	8015NM Prep	
890-2145-8	T-2 0-1	Total/NA	Solid	8015NM Prep	
890-2145-9	T-2 1	Total/NA	Solid	8015NM Prep	
890-2145-10	T-2 2	Total/NA	Solid	8015NM Prep	
890-2145-11	T-2 3	Total/NA	Solid	8015NM Prep	
890-2145-12	T-2 4	Total/NA	Solid	8015NM Prep	
890-2145-13	T-3 0-1	Total/NA	Solid	8015NM Prep	
890-2145-14	T-3 1	Total/NA	Solid	8015NM Prep	
890-2145-15	T-3 2	Total/NA	Solid	8015NM Prep	
890-2145-16	T-3 3	Total/NA	Solid	8015NM Prep	
890-2145-17	T-3 4	Total/NA	Solid	8015NM Prep	
890-2145-18	T-3 5	Total/NA	Solid	8015NM Prep	
890-2145-19	T-3 6	Total/NA	Solid	8015NM Prep	
890-2145-20	T-3 7	Total/NA	Solid	8015NM Prep	
MB 880-22616/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22616/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22616/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2145-1 MS	T-1 0-1	Total/NA	Solid	8015NM Prep	
890-2145-1 MSD	T-1 0-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 22659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-21	T-3 8	Total/NA	Solid	8015NM Prep	
890-2145-22	T-3 9	Total/NA	Solid	8015NM Prep	
890-2145-23	T-3 10	Total/NA	Solid	8015NM Prep	
890-2145-24	T-3 11	Total/NA	Solid	8015NM Prep	
890-2145-25	T-3 12	Total/NA	Solid	8015NM Prep	
890-2145-26	T-4 0-1	Total/NA	Solid	8015NM Prep	
890-2145-27	T-4 1	Total/NA	Solid	8015NM Prep	
890-2145-28	T-4 2	Total/NA	Solid	8015NM Prep	
890-2145-29	T-4 3	Total/NA	Solid	8015NM Prep	
890-2145-30	T-4 4	Total/NA	Solid	8015NM Prep	
890-2145-31	T-4 5	Total/NA	Solid	8015NM Prep	
890-2145-32	T-4 6	Total/NA	Solid	8015NM Prep	
890-2145-33	T-4 7	Total/NA	Solid	8015NM Prep	
890-2145-34	T-4 8	Total/NA	Solid	8015NM Prep	
MB 880-22659/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22659/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2143-A-21-O MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2143-A-21-P MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 22695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Total/NA	Solid	8015 NM	
890-2145-2	T-1 1	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

GC Semi VOA (Continued)

Analysis Batch: 22695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-3	T-1 2	Total/NA	Solid	8015 NM	
890-2145-4	T-1 3	Total/NA	Solid	8015 NM	
890-2145-5	T-1 4	Total/NA	Solid	8015 NM	
890-2145-6	T-1 5	Total/NA	Solid	8015 NM	
890-2145-7	T-1 6	Total/NA	Solid	8015 NM	
890-2145-8	T-2 0-1	Total/NA	Solid	8015 NM	
890-2145-9	T-2 1	Total/NA	Solid	8015 NM	
890-2145-10	T-2 2	Total/NA	Solid	8015 NM	
890-2145-11	T-2 3	Total/NA	Solid	8015 NM	
890-2145-12	T-2 4	Total/NA	Solid	8015 NM	
890-2145-13	T-3 0-1	Total/NA	Solid	8015 NM	
890-2145-14	T-3 1	Total/NA	Solid	8015 NM	
890-2145-15	T-3 2	Total/NA	Solid	8015 NM	
890-2145-16	T-3 3	Total/NA	Solid	8015 NM	
890-2145-17	T-3 4	Total/NA	Solid	8015 NM	
890-2145-18	T-3 5	Total/NA	Solid	8015 NM	
890-2145-19	T-3 6	Total/NA	Solid	8015 NM	
890-2145-20	T-3 7	Total/NA	Solid	8015 NM	
890-2145-21	T-3 8	Total/NA	Solid	8015 NM	
890-2145-22	T-3 9	Total/NA	Solid	8015 NM	
890-2145-23	T-3 10	Total/NA	Solid	8015 NM	
890-2145-24	T-3 11	Total/NA	Solid	8015 NM	
890-2145-25	T-3 12	Total/NA	Solid	8015 NM	
890-2145-26	T-4 0-1	Total/NA	Solid	8015 NM	
890-2145-27	T-4 1	Total/NA	Solid	8015 NM	
890-2145-28	T-4 2	Total/NA	Solid	8015 NM	
890-2145-29	T-4 3	Total/NA	Solid	8015 NM	
890-2145-30	T-4 4	Total/NA	Solid	8015 NM	
890-2145-31	T-4 5	Total/NA	Solid	8015 NM	
890-2145-32	T-4 6	Total/NA	Solid	8015 NM	
890-2145-33	T-4 7	Total/NA	Solid	8015 NM	
890-2145-34	T-4 8	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 22581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Soluble	Solid	DI Leach	
890-2145-2	T-1 1	Soluble	Solid	DI Leach	
890-2145-3	T-1 2	Soluble	Solid	DI Leach	
890-2145-4	T-1 3	Soluble	Solid	DI Leach	
890-2145-5	T-1 4	Soluble	Solid	DI Leach	
890-2145-6	T-1 5	Soluble	Solid	DI Leach	
890-2145-7	T-1 6	Soluble	Solid	DI Leach	
890-2145-8	T-2 0-1	Soluble	Solid	DI Leach	
890-2145-9	T-2 1	Soluble	Solid	DI Leach	
890-2145-10	T-2 2	Soluble	Solid	DI Leach	
890-2145-11	T-2 3	Soluble	Solid	DI Leach	
890-2145-12	T-2 4	Soluble	Solid	DI Leach	
890-2145-13	T-3 0-1	Soluble	Solid	DI Leach	
890-2145-14	T-3 1	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

HPLC/IC (Continued)

Leach Batch: 22581 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-15	T-3 2	Soluble	Solid	DI Leach	
MB 880-22581/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22581/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22581/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2145-6 MS	T-1 5	Soluble	Solid	DI Leach	
890-2145-6 MSD	T-1 5	Soluble	Solid	DI Leach	

Leach Batch: 22582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-16	T-3 3	Soluble	Solid	DI Leach	
890-2145-17	T-3 4	Soluble	Solid	DI Leach	
890-2145-18	T-3 5	Soluble	Solid	DI Leach	
890-2145-19	T-3 6	Soluble	Solid	DI Leach	
890-2145-20	T-3 7	Soluble	Solid	DI Leach	
890-2145-21	T-3 8	Soluble	Solid	DI Leach	
890-2145-22	T-3 9	Soluble	Solid	DI Leach	
890-2145-23	T-3 10	Soluble	Solid	DI Leach	
890-2145-24	T-3 11	Soluble	Solid	DI Leach	
890-2145-25	T-3 12	Soluble	Solid	DI Leach	
890-2145-26	T-4 0-1	Soluble	Solid	DI Leach	
890-2145-27	T-4 1	Soluble	Solid	DI Leach	
890-2145-28	T-4 2	Soluble	Solid	DI Leach	
890-2145-29	T-4 3	Soluble	Solid	DI Leach	
890-2145-30	T-4 4	Soluble	Solid	DI Leach	
890-2145-31	T-4 5	Soluble	Solid	DI Leach	
890-2145-32	T-4 6	Soluble	Solid	DI Leach	
890-2145-33	T-4 7	Soluble	Solid	DI Leach	
890-2145-34	T-4 8	Soluble	Solid	DI Leach	
MB 880-22582/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22582/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22582/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2145-16 MS	T-3 3	Soluble	Solid	DI Leach	
890-2145-16 MSD	T-3 3	Soluble	Solid	DI Leach	
890-2145-26 MS	T-4 0-1	Soluble	Solid	DI Leach	
890-2145-26 MSD	T-4 0-1	Soluble	Solid	DI Leach	

Analysis Batch: 22723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-1	T-1 0-1	Soluble	Solid	300.0	22581
890-2145-2	T-1 1	Soluble	Solid	300.0	22581
890-2145-3	T-1 2	Soluble	Solid	300.0	22581
890-2145-4	T-1 3	Soluble	Solid	300.0	22581
890-2145-5	T-1 4	Soluble	Solid	300.0	22581
890-2145-6	T-1 5	Soluble	Solid	300.0	22581
890-2145-7	T-1 6	Soluble	Solid	300.0	22581
890-2145-8	T-2 0-1	Soluble	Solid	300.0	22581
890-2145-9	T-2 1	Soluble	Solid	300.0	22581
890-2145-10	T-2 2	Soluble	Solid	300.0	22581
890-2145-11	T-2 3	Soluble	Solid	300.0	22581
890-2145-12	T-2 4	Soluble	Solid	300.0	22581
890-2145-13	T-3 0-1	Soluble	Solid	300.0	22581

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

HPLC/IC (Continued)

Analysis Batch: 22723 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-14	T-3 1	Soluble	Solid	300.0	22581
890-2145-15	T-3 2	Soluble	Solid	300.0	22581
MB 880-22581/1-A	Method Blank	Soluble	Solid	300.0	22581
LCS 880-22581/2-A	Lab Control Sample	Soluble	Solid	300.0	22581
LCSD 880-22581/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22581
890-2145-6 MS	T-1 5	Soluble	Solid	300.0	22581
890-2145-6 MSD	T-1 5	Soluble	Solid	300.0	22581

Analysis Batch: 22732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2145-16	T-3 3	Soluble	Solid	300.0	22582
890-2145-17	T-3 4	Soluble	Solid	300.0	22582
890-2145-18	T-3 5	Soluble	Solid	300.0	22582
890-2145-19	T-3 6	Soluble	Solid	300.0	22582
890-2145-20	T-3 7	Soluble	Solid	300.0	22582
890-2145-21	T-3 8	Soluble	Solid	300.0	22582
890-2145-22	T-3 9	Soluble	Solid	300.0	22582
890-2145-23	T-3 10	Soluble	Solid	300.0	22582
890-2145-24	T-3 11	Soluble	Solid	300.0	22582
890-2145-25	T-3 12	Soluble	Solid	300.0	22582
890-2145-26	T-4 0-1	Soluble	Solid	300.0	22582
890-2145-27	T-4 1	Soluble	Solid	300.0	22582
890-2145-28	T-4 2	Soluble	Solid	300.0	22582
890-2145-29	T-4 3	Soluble	Solid	300.0	22582
890-2145-30	T-4 4	Soluble	Solid	300.0	22582
890-2145-31	T-4 5	Soluble	Solid	300.0	22582
890-2145-32	T-4 6	Soluble	Solid	300.0	22582
890-2145-33	T-4 7	Soluble	Solid	300.0	22582
890-2145-34	T-4 8	Soluble	Solid	300.0	22582
MB 880-22582/1-A	Method Blank	Soluble	Solid	300.0	22582
LCS 880-22582/2-A	Lab Control Sample	Soluble	Solid	300.0	22582
LCSD 880-22582/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22582
890-2145-16 MS	T-3 3	Soluble	Solid	300.0	22582
890-2145-16 MSD	T-3 3	Soluble	Solid	300.0	22582
890-2145-26 MS	T-4 0-1	Soluble	Solid	300.0	22582
890-2145-26 MSD	T-4 0-1	Soluble	Solid	300.0	22582

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Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 0-1

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-1

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 16:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 21:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		10			22723	03/31/22 12:00	CH	XEN MID

Client Sample ID: T-1 1

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-2

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 16:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 22:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 12:09	CH	XEN MID

Client Sample ID: T-1 2

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-3

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 16:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 22:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 12:18	CH	XEN MID

Client Sample ID: T-1 3

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-4

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 17:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 3

Lab Sample ID: 890-2145-4

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 23:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		10			22723	03/31/22 12:27	CH	XEN MID

Client Sample ID: T-1 4

Lab Sample ID: 890-2145-5

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 17:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 23:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		10			22723	03/31/22 12:36	CH	XEN MID

Client Sample ID: T-1 5

Lab Sample ID: 890-2145-6

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 17:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 23:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 20:07	CH	XEN MID

Client Sample ID: T-1 6

Lab Sample ID: 890-2145-7

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 18:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 00:19	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-1 6

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-7

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			5.03 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		1			22723	03/31/22 20:34	CH	XEN MID

Client Sample ID: T-2 0-1

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-8

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 18:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 00:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 20:42	CH	XEN MID

Client Sample ID: T-2 1

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 18:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 00:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 21:09	CH	XEN MID

Client Sample ID: T-2 2

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 19:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 01:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 21:18	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-2 3

Lab Sample ID: 890-2145-11

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 20:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 02:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 21:27	CH	XEN MID

Client Sample ID: T-2 4

Lab Sample ID: 890-2145-12

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 21:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 02:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		1			22723	03/31/22 21:36	CH	XEN MID

Client Sample ID: T-3 0-1

Lab Sample ID: 890-2145-13

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 21:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 02:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		10			22723	03/31/22 21:44	CH	XEN MID

Client Sample ID: T-3 1

Lab Sample ID: 890-2145-14

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 21:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 1

Lab Sample ID: 890-2145-14

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 03:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 21:53	CH	XEN MID

Client Sample ID: T-3 2

Lab Sample ID: 890-2145-15

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 22:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 03:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22581	03/29/22 14:21	CH	XEN MID
Soluble	Analysis	300.0		5			22723	03/31/22 22:02	CH	XEN MID

Client Sample ID: T-3 3

Lab Sample ID: 890-2145-16

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 22:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 03:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		5			22732	03/31/22 17:09	CH	XEN MID

Client Sample ID: T-3 4

Lab Sample ID: 890-2145-17

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 22:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 04:03	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 4

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-17

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 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		20			22732	03/31/22 17:35	CH	XEN MID

Client Sample ID: T-3 5

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 23:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 04:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		10			22732	03/31/22 17:43	CH	XEN MID

Client Sample ID: T-3 6

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-19

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	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 23:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 04:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		10			22732	03/31/22 17:52	CH	XEN MID

Client Sample ID: T-3 7

Date Collected: 03/28/22 00:00

Date Received: 03/28/22 16:28

Lab Sample ID: 890-2145-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	22562	03/29/22 11:58	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22614	03/30/22 23:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22616	03/30/22 09:12	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/31/22 05:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		10			22732	03/31/22 18:01	CH	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 8

Lab Sample ID: 890-2145-21

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22550	03/30/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22602	03/30/22 22:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 20:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		10			22732	03/31/22 18:27	CH	XEN MID

Client Sample ID: T-3 9

Lab Sample ID: 890-2145-22

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22550	03/30/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22602	03/30/22 22:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 20:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		10			22732	03/31/22 18:36	CH	XEN MID

Client Sample ID: T-3 10

Lab Sample ID: 890-2145-23

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22550	03/30/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22602	03/30/22 22:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 20:44	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		10			22732	03/31/22 18:45	CH	XEN MID

Client Sample ID: T-3 11

Lab Sample ID: 890-2145-24

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22550	03/30/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22602	03/30/22 23:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-3 11

Lab Sample ID: 890-2145-24

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 21:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		20			22732	04/01/22 11:36	CH	XEN MID

Client Sample ID: T-3 12

Lab Sample ID: 890-2145-25

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22550	03/30/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22602	03/30/22 23:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 21:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		1			22732	03/31/22 19:03	CH	XEN MID

Client Sample ID: T-4 0-1

Lab Sample ID: 890-2145-26

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22550	03/30/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22602	03/30/22 23:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 22:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		5			22732	03/31/22 19:12	CH	XEN MID

Client Sample ID: T-4 1

Lab Sample ID: 890-2145-27

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22613	03/31/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 10:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 22:29	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 1

Lab Sample ID: 890-2145-27

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		5			22732	03/31/22 19:39	CH	XEN MID

Client Sample ID: T-4 2

Lab Sample ID: 890-2145-28

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22613	03/31/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 11:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 22:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		1			22732	03/31/22 19:49	CH	XEN MID

Client Sample ID: T-4 3

Lab Sample ID: 890-2145-29

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22613	03/31/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 11:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 23:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		1			22732	03/31/22 20:17	CH	XEN MID

Client Sample ID: T-4 4

Lab Sample ID: 890-2145-30

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22613	03/31/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 11:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 23:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		1			22732	03/31/22 20:27	CH	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 5

Lab Sample ID: 890-2145-31

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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	22613	03/31/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 12:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/30/22 23:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		5			22732	03/31/22 20:36	CH	XEN MID

Client Sample ID: T-4 6

Lab Sample ID: 890-2145-32

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 12:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/31/22 00:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		5			22732	03/31/22 20:45	CH	XEN MID

Client Sample ID: T-4 7

Lab Sample ID: 890-2145-33

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 12:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/31/22 00:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		1			22732	03/31/22 20:54	CH	XEN MID

Client Sample ID: T-4 8

Lab Sample ID: 890-2145-34

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

Prep 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	22613	03/31/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 13:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22712	03/31/22 09:50	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Client Sample ID: T-4 8

Lab Sample ID: 890-2145-34

Date Collected: 03/28/22 00:00

Matrix: Solid

Date Received: 03/28/22 16:28

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			22695	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22659	03/30/22 14:43	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22606	03/31/22 00:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22582	03/29/22 14:27	CH	XEN MID
Soluble	Analysis	300.0		1			22732	03/31/22 21:03	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea 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

Eurofins Carlsbad

Method Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea 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 Carlsbad

Sample Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 890-2145-1
SDG: Lea Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2145-1	T-1 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2145-2	T-1 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2145-3	T-1 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2145-4	T-1 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2145-5	T-1 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2145-6	T-1 5	Solid	03/28/22 00:00	03/28/22 16:28	5
890-2145-7	T-1 6	Solid	03/28/22 00:00	03/28/22 16:28	6
890-2145-8	T-2 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2145-9	T-2 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2145-10	T-2 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2145-11	T-2 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2145-12	T-2 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2145-13	T-3 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2145-14	T-3 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2145-15	T-3 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2145-16	T-3 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2145-17	T-3 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2145-18	T-3 5	Solid	03/28/22 00:00	03/28/22 16:28	5
890-2145-19	T-3 6	Solid	03/28/22 00:00	03/28/22 16:28	6
890-2145-20	T-3 7	Solid	03/28/22 00:00	03/28/22 16:28	7
890-2145-21	T-3 8	Solid	03/28/22 00:00	03/28/22 16:28	8
890-2145-22	T-3 9	Solid	03/28/22 00:00	03/28/22 16:28	9
890-2145-23	T-3 10	Solid	03/28/22 00:00	03/28/22 16:28	10
890-2145-24	T-3 11	Solid	03/28/22 00:00	03/28/22 16:28	11
890-2145-25	T-3 12	Solid	03/28/22 00:00	03/28/22 16:28	12
890-2145-26	T-4 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2145-27	T-4 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2145-28	T-4 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2145-29	T-4 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2145-30	T-4 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2145-31	T-4 5	Solid	03/28/22 00:00	03/28/22 16:28	5
890-2145-32	T-4 6	Solid	03/28/22 00:00	03/28/22 16:28	6
890-2145-33	T-4 7	Solid	03/28/22 00:00	03/28/22 16:28	7
890-2145-34	T-4 8	Solid	03/28/22 00:00	03/28/22 16:28	8

Chain of Custody

Work Order No: _____

Page 1 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@nglep.com

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

Project Name:	McCloy Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes							
Project Number:	1008		☐ Routine ☒ Rush			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MFO)	Chloride 300.0	HOLD																	None: NO	DI Water: H ₂ O	
Project Location:	Lea Co, NM		Due Date:	72 Hrs																	Cool: Cool	MeOH: Me							
Sampler's Name:	CRM		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC	HNO ₃ : HN							
PO #:																					H ₂ SO ₄ : H ₂	NaOH: Na							
SAMPLE RECEIPT			Temp Blank:	☒ Yes ☐ No	Wet Ice:						☒ Yes ☐ No																	H ₃ PO ₄ : HP	
Received Intact:	☒ Yes ☐ No		Thermometer ID:	TWM-007																							NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☐ No ☒ N/A		Correction Factor:	-0.2																							Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes ☐ No ☒ N/A		Temperature Reading:	3.0																							Zn Acetate+NaOH: Zn		
Total Containers:			Corrected Temperature:	2.8																							NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp						# of Cont																	Sample Comments	
T-1 (0-1')	3/28/2022		X		G	1	X	X	X																				
T-1 (1')	3/28/2022		X		G	1	X	X	X																				
T-1 (2')	3/28/2022		X		G	1	X	X	X																				
T-1 (3')	3/28/2022		X		G	1	X	X	X																				
T-1 (4')	3/28/2022		X		G	1	X	X	X																				
T-1 (5')	3/28/2022		X		G	1	X	X	X																				
T-1 (6')	3/28/2022		X		G	1	X	X	X																				
T-2 (0-1')	3/28/2022		X		G	1	X	X	X																				
T-2 (1')	3/28/2022		X		G	1	X	X	X																				
T-2 (2')	3/28/2022		X		G	1	X	X	X																				

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Conner Moehring	Jessica Kramer	03/28/22 1628	2		
3			4		
5			6		

Chain of Custody

Work Order No: _____

Page 2 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@nglep.com

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

Project Name:	McCloy Pond			Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes							
Project Number:	1008			☐ Routine ☒ Rush																			None: NO DI Water: H ₂ O							
Project Location	Lea Co, NM			Due Date:	72 Hrs	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MFO)	Chloride 300.0	HOLD																	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	
T-2 (3')		3/28/2022		X							G	1	X	X	X															
T-2 (4')		3/28/2022		X		G	1	X	X	X																				
T-3 (0-1')		3/28/2022		X		G	1	X	X	X																				
T-3 (1')		3/28/2022		X		G	1	X	X	X																				
T-3 (2')		3/28/2022		X		G	1	X	X	X																				
T-3 (3')		3/28/2022		X		G	1	X	X	X																				
T-3 (4')		3/28/2022		X		G	1	X	X	X																				
T-3 (5')		3/28/2022		X		G	1	X	X	X																				
T-3 (6')		3/28/2022		X		G	1	X	X	X																				
T-3 (7')		3/28/2022		X		G	1	X	X	X																				

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Conner Moehring	Jessica Kramer		2		
3			4		
5			6		

Chain of Custody

Work Order No: _____

Page 3 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@nglep.com

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

Project Name:	McCloy Pond		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes						
Project Number:	1008		☐ Routine ☒ Rush			Parameters BTX 8021B TPH 8015M (GRO + DRO + MPO) Chloride 300.0 HOLD																	None: NO	DI Water: H ₂ O				
Project Location	Lea Co, NM		Due Date:	72 Hrs																	Cool: Cool	MeOH: Me						
Sampler's Name:	CRM		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC	HNO ₃ : HN						
PO #:																					H ₂ SO ₄ : H ₂	NaOH: Na						
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:		Yes No																	H ₃ PO ₄ : HP				
Received 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 (8')	3/28/2022		X		G	1	X	X	X																			
T-3 (9')	3/28/2022		X		G	1	X	X	X																			
T-3 (10')	3/28/2022		X		G	1	X	X	X																			
T-3 (11')	3/28/2022		X		G	1	X	X	X																			
T-3 (12')	3/28/2022		X		G	1	X	X	X																			
T-4 (0-1')	3/28/2022		X		G	1	X	X	X																			
T-4 (1')	3/28/2022		X		G	1	X	X	X																			
T-4 (2')	3/28/2022		X		G	1	X	X	X																			
T-4 (3')	3/28/2022		X		G	1	X	X	X																			
T-4 (4')	3/28/2022		X		G	1	X	X	X																			

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Conner Moehring</i>	<i>Jessica Kramer</i>		2		
3			4		
5			6		

Chain of Custody

Work Order No: _____

Page 4 of 4

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432.813.6823	Email:	joseph.vargo@nglep.com

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

[illegible]

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Conner Moehring</i>	<i>Jessica Kramer</i>			2		
3					4		
5					6		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-2145-1

SDG Number: Lea Co NM

Login Number: 2145**List Number: 1****Creator: Clifton, Cloe****List Source: Eurofins Carlsbad**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-2145-1

SDG Number: Lea Co NM

Login Number: 2145**List Number: 2****Creator: Lowe, Katie****List Source: Eurofins Midland****List Creation: 03/29/22 01:13 PM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17460-1

Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: McCloy Pond

For:

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

Attn: Conner Moehring

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

Authorized for release by:

7/29/2022 2:08:25 PM

Jessica Kramer, Project Manager
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Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: McCloy Pond

Laboratory Job ID: 880-17460-1
SDG: Lea County NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	23
QC Sample Results	25
QC Association Summary	36
Lab Chronicle	43
Certification Summary	51
Method Summary	52
Sample Summary	53
Chain of Custody	54
Receipt Checklists	57

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Job ID: 880-17460-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-17460-1****Receipt**

The samples were received on 7/28/2022 9:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-30896 and analytical batch 880-30858 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-30850 and analytical batch 880-30857 recovered outside control limits for the following analytes: Ethylbenzene and m-Xylene & p-Xylene.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30850 and analytical batch 880-30857 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Batch preparation batch 880-30977 and analytical batch 880-30960 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-30894 and analytical batch 880-30865 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30904 and analytical batch 880-30947 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-1 (6')

Lab Sample ID: 880-17460-1

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		07/28/22 09:55	07/29/22 01:08	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		07/28/22 09:55	07/29/22 01:08	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		07/28/22 09:55	07/29/22 01:08	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		07/28/22 09:55	07/29/22 01:08	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		07/28/22 09:55	07/29/22 01:08	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		07/28/22 09:55	07/29/22 01:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	07/28/22 09:55	07/29/22 01:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/28/22 09:55	07/29/22 01:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 11:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		07/28/22 09:52	07/28/22 11:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	07/28/22 09:52	07/28/22 11:41	1
o-Terphenyl	87		70 - 130	07/28/22 09:52	07/28/22 11:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		4.96		mg/Kg			07/29/22 00:22	1

Client Sample ID: CS-2 (6')

Lab Sample ID: 880-17460-2

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 01:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 01:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 01:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 01:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 01:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	07/28/22 09:55	07/29/22 01:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/28/22 09:55	07/29/22 01:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-2 (6')

Lab Sample ID: 880-17460-2

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 12:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 12:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/28/22 09:52	07/28/22 12:44	1
o-Terphenyl	108		70 - 130				07/28/22 09:52	07/28/22 12:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.1		4.98		mg/Kg			07/29/22 00:46	1

Client Sample ID: CS-3 (6')

Lab Sample ID: 880-17460-3

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 01:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 01:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 01:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/28/22 09:55	07/29/22 01:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 01:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/28/22 09:55	07/29/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				07/28/22 09:55	07/29/22 01:49	1
1,4-Difluorobenzene (Surr)	103		70 - 130				07/28/22 09:55	07/29/22 01:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 13:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 13:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-3 (6')

Lab Sample ID: 880-17460-3

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				07/28/22 09:52	07/28/22 13:05	1
o-Terphenyl	91		70 - 130				07/28/22 09:52	07/28/22 13:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		5.00		mg/Kg			07/29/22 00:54	1

Client Sample ID: CS-4 (6')

Lab Sample ID: 880-17460-4

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 02:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 02:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				07/28/22 09:55	07/29/22 02:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130				07/28/22 09:55	07/29/22 02:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 13:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 13:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				07/28/22 09:52	07/28/22 13:27	1
o-Terphenyl	83		70 - 130				07/28/22 09:52	07/28/22 13:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		4.97		mg/Kg			07/29/22 01:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-5 (6')

Lab Sample ID: 880-17460-5

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 02:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/28/22 09:55	07/29/22 02:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/28/22 09:55	07/29/22 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	07/28/22 09:55	07/29/22 02:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	07/28/22 09:55	07/29/22 02:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 13:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 13:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/28/22 09:52	07/28/22 13:48	1
o-Terphenyl	100		70 - 130	07/28/22 09:52	07/28/22 13:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		5.00		mg/Kg			07/29/22 01:09	1

Client Sample ID: CS-6 (6')

Lab Sample ID: 880-17460-6

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 02:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 02:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 02:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	07/28/22 09:55	07/29/22 02:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/28/22 09:55	07/29/22 02:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-6 (6')

Lab Sample ID: 880-17460-6

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 14:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 14:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				07/28/22 09:52	07/28/22 14:09	1
o-Terphenyl	115		70 - 130				07/28/22 09:52	07/28/22 14:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		4.99		mg/Kg			07/29/22 01:33	1

Client Sample ID: CS-7 (6')

Lab Sample ID: 880-17460-7

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 03:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 03:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 03:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 03:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 03:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				07/28/22 09:55	07/29/22 03:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130				07/28/22 09:55	07/29/22 03:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 14:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-7 (6')

Lab Sample ID: 880-17460-7

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				07/28/22 09:52	07/28/22 14:30	1
o-Terphenyl	87		70 - 130				07/28/22 09:52	07/28/22 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0		4.95		mg/Kg			07/29/22 01:41	1

Client Sample ID: CS-8 (11')

Lab Sample ID: 880-17460-8

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 03:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 03:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 03:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/28/22 09:55	07/29/22 03:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 03:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/28/22 09:55	07/29/22 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				07/28/22 09:55	07/29/22 03:31	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/28/22 09:55	07/29/22 03:31	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			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 14:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 14:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				07/28/22 09:52	07/28/22 14:50	1
o-Terphenyl	89		70 - 130				07/28/22 09:52	07/28/22 14:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		5.05		mg/Kg			07/29/22 01:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-9 (11')

Lab Sample ID: 880-17460-9

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 03:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 03:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 03:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/28/22 09:55	07/29/22 03:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/28/22 09:55	07/29/22 03:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/28/22 09:55	07/29/22 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	07/28/22 09:55	07/29/22 03:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/28/22 09:55	07/29/22 03:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 15:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 15:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/28/22 09:52	07/28/22 15:11	1
o-Terphenyl	99		70 - 130	07/28/22 09:52	07/28/22 15:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		4.99		mg/Kg			07/29/22 01:56	1

Client Sample ID: CS-10 (11')

Lab Sample ID: 880-17460-10

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 04:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/28/22 09:55	07/29/22 04:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/28/22 09:55	07/29/22 04:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/28/22 09:55	07/29/22 04:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/28/22 09:55	07/29/22 04:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/28/22 09:55	07/29/22 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/28/22 09:55	07/29/22 04:12	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/28/22 09:55	07/29/22 04:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-10 (11')

Lab Sample ID: 880-17460-10

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 15:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 15:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/28/22 09:52	07/28/22 15:32	1
o-Terphenyl	93		70 - 130				07/28/22 09:52	07/28/22 15:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.98		mg/Kg			07/29/22 02:04	1

Client Sample ID: CS-11 (11')

Lab Sample ID: 880-17460-11

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 06:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/28/22 09:55	07/29/22 06:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/28/22 09:55	07/29/22 06:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/28/22 09:55	07/29/22 06:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/28/22 09:55	07/29/22 06:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/28/22 09:55	07/29/22 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				07/28/22 09:55	07/29/22 06:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130				07/28/22 09:55	07/29/22 06:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 16:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 16:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-11 (11')

Lab Sample ID: 880-17460-11

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:52	07/28/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				07/28/22 09:52	07/28/22 16:14	1
o-Terphenyl	88		70 - 130				07/28/22 09:52	07/28/22 16:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	282		4.95		mg/Kg			07/29/22 02:12	1

Client Sample ID: CS-12 (11')

Lab Sample ID: 880-17460-12

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 06:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 06:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 06:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 06:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 06:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				07/28/22 09:55	07/29/22 06:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130				07/28/22 09:55	07/29/22 06:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 16:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 16:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				07/28/22 09:52	07/28/22 16:35	1
o-Terphenyl	88		70 - 130				07/28/22 09:52	07/28/22 16:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		5.04		mg/Kg			07/29/22 02:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-1 (6')

Lab Sample ID: 880-17460-13

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 06:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/28/22 09:55	07/29/22 06:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/28/22 09:55	07/29/22 06:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/28/22 09:55	07/29/22 06:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/28/22 09:55	07/29/22 06:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/28/22 09:55	07/29/22 06:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	07/28/22 09:55	07/29/22 06:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/28/22 09:55	07/29/22 06:43	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			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 16:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 16:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	07/28/22 09:52	07/28/22 16:56	1
o-Terphenyl	95		70 - 130	07/28/22 09:52	07/28/22 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.4		4.99		mg/Kg			07/29/22 02:43	1

Client Sample ID: SW-2 (6')

Lab Sample ID: 880-17460-14

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 07:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 07:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 07:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 07:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 07:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 07:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	07/28/22 09:55	07/29/22 07:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130	07/28/22 09:55	07/29/22 07:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-2 (6')

Lab Sample ID: 880-17460-14

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				07/28/22 09:52	07/28/22 17:17	1
o-Terphenyl	81		70 - 130				07/28/22 09:52	07/28/22 17:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.1		5.02		mg/Kg			07/29/22 09:40	1

Client Sample ID: SW-3 (6')

Lab Sample ID: 880-17460-15

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 07:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 07:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 07:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 07:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 07:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				07/28/22 09:55	07/29/22 07:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130				07/28/22 09:55	07/29/22 07:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 17:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 17:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-3 (6')

Lab Sample ID: 880-17460-15

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/28/22 09:52	07/28/22 17:38	1
o-Terphenyl	96		70 - 130				07/28/22 09:52	07/28/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		4.98		mg/Kg			07/29/22 09:47	1

Client Sample ID: SW-4 (6')

Lab Sample ID: 880-17460-16

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 07:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 07:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 07:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 07:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 07:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 07:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				07/28/22 09:55	07/29/22 07:44	1
1,4-Difluorobenzene (Surr)	101		70 - 130				07/28/22 09:55	07/29/22 07:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/28/22 09:52	07/28/22 18:00	1
o-Terphenyl	91		70 - 130				07/28/22 09:52	07/28/22 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.5		5.00		mg/Kg			07/29/22 09:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-5 (6')

Lab Sample ID: 880-17460-17

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 08:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/28/22 09:55	07/29/22 08:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/28/22 09:55	07/29/22 08:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/28/22 09:55	07/29/22 08:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/28/22 09:55	07/29/22 08:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/28/22 09:55	07/29/22 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	07/28/22 09:55	07/29/22 08:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	07/28/22 09:55	07/29/22 08:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 18:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 18:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	07/28/22 09:52	07/28/22 18:21	1
o-Terphenyl	72		70 - 130	07/28/22 09:52	07/28/22 18:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.6		4.97		mg/Kg			07/29/22 10:03	1

Client Sample ID: SW-6 (6')

Lab Sample ID: 880-17460-18

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 08:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 08:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 08:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/28/22 09:55	07/29/22 08:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 08:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/28/22 09:55	07/29/22 08:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	07/28/22 09:55	07/29/22 08:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/28/22 09:55	07/29/22 08:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-6 (6')

Lab Sample ID: 880-17460-18

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 18:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 09:52	07/28/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/28/22 09:52	07/28/22 18:42	1
o-Terphenyl	92		70 - 130				07/28/22 09:52	07/28/22 18:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		4.95		mg/Kg			07/29/22 10:11	1

Client Sample ID: SW-7 (11')

Lab Sample ID: 880-17460-19

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 08:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 08:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 08:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 08:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 08:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 09:55	07/29/22 08:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/28/22 09:55	07/29/22 08:46	1
1,4-Difluorobenzene (Surr)	104		70 - 130				07/28/22 09:55	07/29/22 08:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 19:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/28/22 09:52	07/28/22 19:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-7 (11')

Lab Sample ID: 880-17460-19

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:52	07/28/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				07/28/22 09:52	07/28/22 19:03	1
o-Terphenyl	90		70 - 130				07/28/22 09:52	07/28/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	356		4.99		mg/Kg			07/29/22 10:19	1

Client Sample ID: SW-8 (11')

Lab Sample ID: 880-17460-20

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 09:55	07/29/22 09:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 09:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 09:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 09:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 09:55	07/29/22 09:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 09:55	07/29/22 09:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				07/28/22 09:55	07/29/22 09:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130				07/28/22 09:55	07/29/22 09:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 19:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 19:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				07/28/22 09:52	07/28/22 19:24	1
o-Terphenyl	84		70 - 130				07/28/22 09:52	07/28/22 19:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	457		4.96		mg/Kg			07/29/22 10:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-9 (11')

Lab Sample ID: 880-17460-21

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		07/28/22 10:13	07/28/22 21:51	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		07/28/22 10:13	07/28/22 21:51	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		07/28/22 10:13	07/28/22 21:51	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		07/28/22 10:13	07/28/22 21:51	1
o-Xylene	<0.00201	U F1 F2	0.00201		mg/Kg		07/28/22 10:13	07/28/22 21:51	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		07/28/22 10:13	07/28/22 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	07/28/22 10:13	07/28/22 21:51	1
1,4-Difluorobenzene (Surr)	86		70 - 130	07/28/22 10:13	07/28/22 21:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/29/22 02:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/29/22 02:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/29/22 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	07/28/22 11:12	07/29/22 02:30	1
o-Terphenyl	102		70 - 130	07/28/22 11:12	07/29/22 02:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	396	F1	5.00		mg/Kg			07/29/22 04:57	1

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-17460-22

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/29/22 10:29	07/29/22 13:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/29/22 10:29	07/29/22 13:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/29/22 10:29	07/29/22 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	07/29/22 10:29	07/29/22 13:42	1
1,4-Difluorobenzene (Surr)	89		70 - 130	07/29/22 10:29	07/29/22 13:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-17460-22

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/29/22 02:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/29/22 02:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/29/22 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/28/22 11:12	07/29/22 02:52	1
o-Terphenyl	107		70 - 130				07/28/22 11:12	07/29/22 02:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	504		4.98		mg/Kg			07/29/22 05:20	1

Client Sample ID: SW-11 (9')

Lab Sample ID: 880-17460-23

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 10:13	07/28/22 22:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:13	07/28/22 22:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:13	07/28/22 22:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/28/22 10:13	07/28/22 22:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:13	07/28/22 22:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 10:13	07/28/22 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/28/22 10:13	07/28/22 22:32	1
1,4-Difluorobenzene (Surr)	87		70 - 130				07/28/22 10:13	07/28/22 22:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 11:12	07/29/22 03:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 11:12	07/29/22 03:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-11 (9')

Lab Sample ID: 880-17460-23

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 11:12	07/29/22 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/28/22 11:12	07/29/22 03:13	1
o-Terphenyl	100		70 - 130				07/28/22 11:12	07/29/22 03:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		4.95		mg/Kg			07/29/22 05:28	1

Client Sample ID: SW-12 (9')

Lab Sample ID: 880-17460-24

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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		07/28/22 10:13	07/28/22 22:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 22:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 22:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/28/22 10:13	07/28/22 22:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 22:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/28/22 10:13	07/28/22 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/28/22 10:13	07/28/22 22:52	1
1,4-Difluorobenzene (Surr)	89		70 - 130				07/28/22 10:13	07/28/22 22:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/29/22 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/29/22 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 03:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 03:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				07/28/22 11:13	07/29/22 03:35	1
o-Terphenyl	82		70 - 130				07/28/22 11:13	07/29/22 03:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		5.05		mg/Kg			07/29/22 05:36	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-17414-A-17-B MSD	Matrix Spike Duplicate	86	113
880-17460-1	CS-1 (6')	99	100
880-17460-1 MS	CS-1 (6')	97	100
880-17460-1 MSD	CS-1 (6')	100	105
880-17460-2	CS-2 (6')	94	98
880-17460-3	CS-3 (6')	101	103
880-17460-4	CS-4 (6')	98	101
880-17460-5	CS-5 (6')	101	94
880-17460-6	CS-6 (6')	99	96
880-17460-7	CS-7 (6')	98	100
880-17460-8	CS-8 (11')	96	99
880-17460-9	CS-9 (11')	97	98
880-17460-10	CS-10 (11')	104	104
880-17460-11	CS-11 (11')	104	96
880-17460-12	CS-12 (11')	101	101
880-17460-13	SW-1 (6')	99	98
880-17460-14	SW-2 (6')	101	97
880-17460-15	SW-3 (6')	105	99
880-17460-16	SW-4 (6')	100	101
880-17460-17	SW-5 (6')	105	103
880-17460-18	SW-6 (6')	102	101
880-17460-19	SW-7 (11')	111	104
880-17460-20	SW-8 (11')	110	103
880-17460-21	SW-9 (11')	111	86
880-17460-21 MS	SW-9 (11')	109	97
880-17460-21 MSD	SW-9 (11')	108	99
880-17460-22	SW-10 (3.5')	107	89
880-17460-23	SW-11 (9')	111	87
880-17460-24	SW-12 (9')	114	89
LCS 880-30850/1-A	Lab Control Sample	102	106
LCS 880-30895/1-A	Lab Control Sample	92	101
LCS 880-30896/1-A	Lab Control Sample	106	97
LCS 880-30977/1-A	Lab Control Sample	105	103
LCSD 880-30850/2-A	Lab Control Sample Dup	104	93
LCSD 880-30895/2-A	Lab Control Sample Dup	98	95
LCSD 880-30896/2-A	Lab Control Sample Dup	109	89
LCSD 880-30977/2-A	Lab Control Sample Dup	103	100
MB 880-30849/5-A	Method Blank	99	83
MB 880-30850/5-A	Method Blank	92	102
MB 880-30895/5-A	Method Blank	95	102
MB 880-30896/5-A	Method Blank	101	84
MB 880-30977/5-A	Method Blank	99	88

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-17460-1

Project/Site: McCloy Pond

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		BFB1	DFBZ1				
Lab Sample ID	Client Sample ID						
890-2633-A-1-J MS	Matrix Spike						
890-2633-A-1-K MSD	Matrix Spike Duplicate						
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)					
		1CO1	OTPH1				
Lab Sample ID	Client Sample ID	(70-130)	(70-130)				
880-17460-1	CS-1 (6')	79	87				
880-17460-1 MS	CS-1 (6')	88	85				
880-17460-1 MSD	CS-1 (6')	90	86				
880-17460-2	CS-2 (6')	98	108				
880-17460-3	CS-3 (6')	85	91				
880-17460-4	CS-4 (6')	77	83				
880-17460-5	CS-5 (6')	92	100				
880-17460-6	CS-6 (6')	106	115				
880-17460-7	CS-7 (6')	81	87				
880-17460-8	CS-8 (11')	82	89				
880-17460-9	CS-9 (11')	92	99				
880-17460-10	CS-10 (11')	87	93				
880-17460-11	CS-11 (11')	84	88				
880-17460-12	CS-12 (11')	83	88				
880-17460-13	SW-1 (6')	88	95				
880-17460-14	SW-2 (6')	78	81				
880-17460-15	SW-3 (6')	89	96				
880-17460-16	SW-4 (6')	87	91				
880-17460-17	SW-5 (6')	72	72				
880-17460-18	SW-6 (6')	87	92				
880-17460-19	SW-7 (11')	86	90				
880-17460-20	SW-8 (11')	80	84				
880-17460-21	SW-9 (11')	87	102				
880-17460-22	SW-10 (3.5')	99	107				
880-17460-23	SW-11 (9')	87	100				
880-17460-24	SW-12 (9')	73	82				
890-2641-A-1-G MS	Matrix Spike	84	77				
890-2641-A-1-H MSD	Matrix Spike Duplicate	88	79				
LCS 880-30894/2-A	Lab Control Sample	100	96				
LCS 880-30915/2-A	Lab Control Sample	104	104				
LCSD 880-30894/3-A	Lab Control Sample Dup	107	105				
LCSD 880-30915/3-A	Lab Control Sample Dup	99	101				
MB 880-30894/1-A	Method Blank	82	91				
MB 880-30915/1-A	Method Blank	105	127				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30849/5-A

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:01	07/28/22 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:01	07/28/22 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:01	07/28/22 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/27/22 17:01	07/28/22 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:01	07/28/22 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/27/22 17:01	07/28/22 10:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	07/27/22 17:01	07/28/22 10:52	1
1,4-Difluorobenzene (Surr)	83		70 - 130	07/27/22 17:01	07/28/22 10:52	1

Lab Sample ID: MB 880-30850/5-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:06	07/28/22 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:06	07/28/22 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:06	07/28/22 12:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/27/22 17:06	07/28/22 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 17:06	07/28/22 12:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/27/22 17:06	07/28/22 12:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	07/27/22 17:06	07/28/22 12:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130	07/27/22 17:06	07/28/22 12:17	1

Lab Sample ID: LCS 880-30850/1-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07682		mg/Kg		77	70 - 130
Toluene	0.100	0.08254		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07116		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	0.200	0.1450		mg/Kg		73	70 - 130
o-Xylene	0.100	0.08552		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-30850/2-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09298		mg/Kg		93	70 - 130	19	35

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-30850/2-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1151		mg/Kg		115	70 - 130	33	35
Ethylbenzene	0.100	0.1033	*1	mg/Kg		103	70 - 130	37	35
m-Xylene & p-Xylene	0.200	0.2086	*1	mg/Kg		104	70 - 130	36	35
o-Xylene	0.100	0.1198		mg/Kg		120	70 - 130	33	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-17414-A-17-B MSD

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 30850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.101	0.06459	F1	mg/Kg		64	70 - 130	15	35
Toluene	<0.00201	U F1	0.101	0.05813	F1	mg/Kg		58	70 - 130	33	35
Ethylbenzene	<0.00201	U F2 F1	0.101	0.04295	F2 F1	mg/Kg		43	70 - 130	40	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.202	0.08280	F2 F1	mg/Kg		41	70 - 130	36	35
o-Xylene	<0.00201	U F1	0.101	0.05130	F1	mg/Kg		51	70 - 130	33	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-30895/5-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 00:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 00:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 00:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/28/22 09:55	07/29/22 00:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:55	07/29/22 00:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/28/22 09:55	07/29/22 00:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/28/22 09:55	07/29/22 00:39	1
1,4-Difluorobenzene (Surr)	102		70 - 130	07/28/22 09:55	07/29/22 00:39	1

Lab Sample ID: LCS 880-30895/1-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09303		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-30895/1-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.08442		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1728		mg/Kg		86	70 - 130
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-30895/2-A

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08622		mg/Kg		86	70 - 130	8	35
Toluene	0.100	0.1026		mg/Kg		103	70 - 130	2	35
Ethylbenzene	0.100	0.09039		mg/Kg		90	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1830		mg/Kg		92	70 - 130	6	35
o-Xylene	0.100	0.1061		mg/Kg		106	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-17460-1 MS

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: CS-1 (6')

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0998	0.09100		mg/Kg		91	70 - 130
Toluene	<0.00200	U F1	0.0998	0.09858		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.08559		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1716		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.09966		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-17460-1 MSD

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: CS-1 (6')

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.101	0.1015		mg/Kg		101	70 - 130	11	35
Toluene	<0.00200	U F1	0.101	0.1062		mg/Kg		106	70 - 130	7	35
Ethylbenzene	<0.00200	U F1	0.101	0.09228		mg/Kg		92	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U F1	0.201	0.1855		mg/Kg		92	70 - 130	8	35

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: 880-17460-1 MSD

Matrix: Solid

Analysis Batch: 30857

Client Sample ID: CS-1 (6')

Prep Type: Total/NA

Prep Batch: 30895

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene	<0.00200	U F1	0.101	0.1076		mg/Kg		107	70 - 130	8	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

Lab Sample ID: MB 880-30896/5-A

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 21:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 21:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 21:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/28/22 10:13	07/28/22 21:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:13	07/28/22 21:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/28/22 10:13	07/28/22 21:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				07/28/22 10:13	07/28/22 21:29	1
1,4-Difluorobenzene (Surr)	84		70 - 130				07/28/22 10:13	07/28/22 21:29	1

Lab Sample ID: LCS 880-30896/1-A

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30896

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09911		mg/Kg		99	70 - 130
Toluene	0.100	0.09588		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09892		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1984		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1089		mg/Kg		109	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	106		70 - 130				
1,4-Difluorobenzene (Surr)	97		70 - 130				

Lab Sample ID: LCSD 880-30896/2-A

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30896

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	5	35
Toluene	0.100	0.1032		mg/Kg		103	70 - 130	7	35
Ethylbenzene	0.100	0.1117		mg/Kg		112	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2197		mg/Kg		110	70 - 130	10	35
o-Xylene	0.100	0.1203		mg/Kg		120	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-30896/2-A

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30896

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-17460-21 MS

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: SW-9 (11')

Prep Type: Total/NA

Prep Batch: 30896

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F1 F2	0.100	0.09241		mg/Kg		92	70 - 130	
Toluene	<0.00201	U F1 F2	0.100	0.09009		mg/Kg		90	70 - 130	
Ethylbenzene	<0.00201	U F1 F2	0.100	0.09276		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.201	0.1869		mg/Kg		93	70 - 130	
o-Xylene	<0.00201	U F1 F2	0.100	0.1022		mg/Kg		102	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-17460-21 MSD

Matrix: Solid

Analysis Batch: 30858

Client Sample ID: SW-9 (11')

Prep Type: Total/NA

Prep Batch: 30896

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U F1 F2	0.0998	0.03881	F1 F2	mg/Kg		39	70 - 130	82	35	
Toluene	<0.00201	U F1 F2	0.0998	0.04718	F1 F2	mg/Kg		47	70 - 130	63	35	
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.05540	F1 F2	mg/Kg		56	70 - 130	50	35	
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.1088	F1 F2	mg/Kg		55	70 - 130	53	35	
o-Xylene	<0.00201	U F1 F2	0.0998	0.06465	F1 F2	mg/Kg		65	70 - 130	45	35	

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

Lab Sample ID: MB 880-30977/5-A

Matrix: Solid

Analysis Batch: 30960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30977

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:00	1	
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:00	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:00	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:29	07/29/22 13:00	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 13:00	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:29	07/29/22 13:00	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	99		70 - 130	07/29/22 10:29	07/29/22 13:00	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-30977/5-A

Matrix: Solid

Analysis Batch: 30960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30977

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	07/29/22 10:29	07/29/22 13:00	1

Lab Sample ID: LCS 880-30977/1-A

Matrix: Solid

Analysis Batch: 30960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30977

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09963		mg/Kg		100	70 - 130
Toluene	0.100	0.09603		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09829		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2000		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130

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

Lab Sample ID: LCSD 880-30977/2-A

Matrix: Solid

Analysis Batch: 30960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30977

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07768		mg/Kg		78	70 - 130	25	35
Toluene	0.100	0.07256		mg/Kg		73	70 - 130	28	35
Ethylbenzene	0.100	0.07348		mg/Kg		73	70 - 130	29	35
m-Xylene & p-Xylene	0.200	0.1500		mg/Kg		75	70 - 130	29	35
o-Xylene	0.100	0.08505		mg/Kg		85	70 - 130	25	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2633-A-1-J MS

Matrix: Solid

Analysis Batch: 30960

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 30977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.0992	0.09236		mg/Kg			
Toluene			0.0992	0.08763		mg/Kg			
Ethylbenzene			0.0992	0.08857		mg/Kg			
m-Xylene & p-Xylene			0.198	0.1792		mg/Kg			
o-Xylene			0.0992	0.09736		mg/Kg			

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: 890-2633-A-1-K MSD

Matrix: Solid

Analysis Batch: 30960

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 30977

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0990	0.08746		mg/Kg					
Toluene			0.0990	0.08239		mg/Kg					
Ethylbenzene			0.0990	0.08971		mg/Kg					
m-Xylene & p-Xylene			0.198	0.1834		mg/Kg					
o-Xylene			0.0990	0.09874		mg/Kg					

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

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

Lab Sample ID: MB 880-30894/1-A

Matrix: Solid

Analysis Batch: 30865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30894

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 10:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 09:52	07/28/22 10:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	07/28/22 09:52	07/28/22 10:38	1
o-Terphenyl	91		70 - 130	07/28/22 09:52	07/28/22 10:38	1

Lab Sample ID: LCS 880-30894/2-A

Matrix: Solid

Analysis Batch: 30865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	900.6		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	952.5		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: LCSD 880-30894/3-A

Matrix: Solid

Analysis Batch: 30865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30894

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1022		mg/Kg		102	70 - 130	13	20

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-30894/3-A

Matrix: Solid

Analysis Batch: 30865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30894

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	107		70 - 130						
o-Terphenyl	105		70 - 130						

Lab Sample ID: 880-17460-1 MS

Matrix: Solid

Analysis Batch: 30865

Client Sample ID: CS-1 (6')

Prep Type: Total/NA

Prep Batch: 30894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1169		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	702.8	F1	mg/Kg		69	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: 880-17460-1 MSD

Matrix: Solid

Analysis Batch: 30865

Client Sample ID: CS-1 (6')

Prep Type: Total/NA

Prep Batch: 30894

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1198		mg/Kg		117	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	716.2		mg/Kg		70	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: MB 880-30915/1-A

Matrix: Solid

Analysis Batch: 30863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/28/22 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/28/22 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/28/22 20:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				07/28/22 11:12	07/28/22 20:23	1
o-Terphenyl	127		70 - 130				07/28/22 11:12	07/28/22 20:23	1

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-30915/2-A

Matrix: Solid

Analysis Batch: 30863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30915

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1051		mg/Kg		105		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106		70 - 130	

Lab Sample ID: LCSD 880-30915/3-A

Matrix: Solid

Analysis Batch: 30863

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30915

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	986.2		mg/Kg		99	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	975.0		mg/Kg		98	70 - 130	8	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: 890-2641-A-1-G MS

Matrix: Solid

Analysis Batch: 30863

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 30915

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	933.0		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	758.6		mg/Kg		73	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: 890-2641-A-1-H MSD

Matrix: Solid

Analysis Batch: 30863

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 30915

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1061		mg/Kg		104	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	790.2		mg/Kg		76	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

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

Lab Sample ID: 890-2641-A-1-H MSD

Matrix: Solid

Analysis Batch: 30863

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 30915

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	79		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30903/1-A

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			07/28/22 23:59		1

Lab Sample ID: LCS 880-30903/2-A

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	261.3		mg/Kg		105	90 - 110	

Lab Sample ID: LCSD 880-30903/3-A

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	264.1		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-17460-1 MS

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: CS-1 (6')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	12.8		248	245.2		mg/Kg		94	90 - 110		

Lab Sample ID: 880-17460-1 MSD

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: CS-1 (6')

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	12.8		248	251.4		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 880-17460-11 MS

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: CS-11 (11')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	282		248	514.3		mg/Kg		94	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-17460-11 MSD

Matrix: Solid

Analysis Batch: 30937

Client Sample ID: CS-11 (11')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	282		248	515.7		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-30904/1-A

Matrix: Solid

Analysis Batch: 30947

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/29/22 04:33	1

Lab Sample ID: LCS 880-30904/2-A

Matrix: Solid

Analysis Batch: 30947

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.8		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-30904/3-A

Matrix: Solid

Analysis Batch: 30947

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	265.5		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-17460-21 MS

Matrix: Solid

Analysis Batch: 30947

Client Sample ID: SW-9 (11')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	396	F1	250	617.0	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-17460-21 MSD

Matrix: Solid

Analysis Batch: 30947

Client Sample ID: SW-9 (11')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	396	F1	250	617.5	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: 880-17494-A-1-C MS

Matrix: Solid

Analysis Batch: 30947

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1220		1250	2466		mg/Kg		100	90 - 110

Lab Sample ID: 880-17494-A-1-D MSD

Matrix: Solid

Analysis Batch: 30947

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1220		1250	2463		mg/Kg		100	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

GC VOA

Prep Batch: 30849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30849/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 30850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30850/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30850/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30850/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17414-A-17-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 30857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Total/NA	Solid	8021B	30895
880-17460-2	CS-2 (6')	Total/NA	Solid	8021B	30895
880-17460-3	CS-3 (6')	Total/NA	Solid	8021B	30895
880-17460-4	CS-4 (6')	Total/NA	Solid	8021B	30895
880-17460-5	CS-5 (6')	Total/NA	Solid	8021B	30895
880-17460-6	CS-6 (6')	Total/NA	Solid	8021B	30895
880-17460-7	CS-7 (6')	Total/NA	Solid	8021B	30895
880-17460-8	CS-8 (11')	Total/NA	Solid	8021B	30895
880-17460-9	CS-9 (11')	Total/NA	Solid	8021B	30895
880-17460-10	CS-10 (11')	Total/NA	Solid	8021B	30895
880-17460-11	CS-11 (11')	Total/NA	Solid	8021B	30895
880-17460-12	CS-12 (11')	Total/NA	Solid	8021B	30895
880-17460-13	SW-1 (6')	Total/NA	Solid	8021B	30895
880-17460-14	SW-2 (6')	Total/NA	Solid	8021B	30895
880-17460-15	SW-3 (6')	Total/NA	Solid	8021B	30895
880-17460-16	SW-4 (6')	Total/NA	Solid	8021B	30895
880-17460-17	SW-5 (6')	Total/NA	Solid	8021B	30895
880-17460-18	SW-6 (6')	Total/NA	Solid	8021B	30895
880-17460-19	SW-7 (11')	Total/NA	Solid	8021B	30895
880-17460-20	SW-8 (11')	Total/NA	Solid	8021B	30895
MB 880-30850/5-A	Method Blank	Total/NA	Solid	8021B	30850
MB 880-30895/5-A	Method Blank	Total/NA	Solid	8021B	30895
LCS 880-30850/1-A	Lab Control Sample	Total/NA	Solid	8021B	30850
LCS 880-30895/1-A	Lab Control Sample	Total/NA	Solid	8021B	30895
LCSD 880-30850/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30850
LCSD 880-30895/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30895
880-17414-A-17-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30850
880-17460-1 MS	CS-1 (6')	Total/NA	Solid	8021B	30895
880-17460-1 MSD	CS-1 (6')	Total/NA	Solid	8021B	30895

Analysis Batch: 30858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21	SW-9 (11')	Total/NA	Solid	8021B	30896
880-17460-23	SW-11 (9')	Total/NA	Solid	8021B	30896
880-17460-24	SW-12 (9')	Total/NA	Solid	8021B	30896
MB 880-30849/5-A	Method Blank	Total/NA	Solid	8021B	30849
MB 880-30896/5-A	Method Blank	Total/NA	Solid	8021B	30896
LCS 880-30896/1-A	Lab Control Sample	Total/NA	Solid	8021B	30896
LCSD 880-30896/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30896
880-17460-21 MS	SW-9 (11')	Total/NA	Solid	8021B	30896

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 30858 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21 MSD	SW-9 (11')	Total/NA	Solid	8021B	30896

Prep Batch: 30895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Total/NA	Solid	5035	
880-17460-2	CS-2 (6')	Total/NA	Solid	5035	
880-17460-3	CS-3 (6')	Total/NA	Solid	5035	
880-17460-4	CS-4 (6')	Total/NA	Solid	5035	
880-17460-5	CS-5 (6')	Total/NA	Solid	5035	
880-17460-6	CS-6 (6')	Total/NA	Solid	5035	
880-17460-7	CS-7 (6')	Total/NA	Solid	5035	
880-17460-8	CS-8 (11')	Total/NA	Solid	5035	
880-17460-9	CS-9 (11')	Total/NA	Solid	5035	
880-17460-10	CS-10 (11')	Total/NA	Solid	5035	
880-17460-11	CS-11 (11')	Total/NA	Solid	5035	
880-17460-12	CS-12 (11')	Total/NA	Solid	5035	
880-17460-13	SW-1 (6')	Total/NA	Solid	5035	
880-17460-14	SW-2 (6')	Total/NA	Solid	5035	
880-17460-15	SW-3 (6')	Total/NA	Solid	5035	
880-17460-16	SW-4 (6')	Total/NA	Solid	5035	
880-17460-17	SW-5 (6')	Total/NA	Solid	5035	
880-17460-18	SW-6 (6')	Total/NA	Solid	5035	
880-17460-19	SW-7 (11')	Total/NA	Solid	5035	
880-17460-20	SW-8 (11')	Total/NA	Solid	5035	
MB 880-30895/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30895/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30895/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17460-1 MS	CS-1 (6')	Total/NA	Solid	5035	
880-17460-1 MSD	CS-1 (6')	Total/NA	Solid	5035	

Prep Batch: 30896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21	SW-9 (11')	Total/NA	Solid	5035	
880-17460-23	SW-11 (9')	Total/NA	Solid	5035	
880-17460-24	SW-12 (9')	Total/NA	Solid	5035	
MB 880-30896/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30896/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30896/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17460-21 MS	SW-9 (11')	Total/NA	Solid	5035	
880-17460-21 MSD	SW-9 (11')	Total/NA	Solid	5035	

Analysis Batch: 30960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-22	SW-10 (3.5')	Total/NA	Solid	8021B	30977
MB 880-30977/5-A	Method Blank	Total/NA	Solid	8021B	30977
LCS 880-30977/1-A	Lab Control Sample	Total/NA	Solid	8021B	30977
LCSD 880-30977/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30977
890-2633-A-1-J MS	Matrix Spike	Total/NA	Solid	8021B	30977
890-2633-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30977

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

GC VOA

Analysis Batch: 30974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Total/NA	Solid	Total BTEX	
880-17460-2	CS-2 (6')	Total/NA	Solid	Total BTEX	
880-17460-3	CS-3 (6')	Total/NA	Solid	Total BTEX	
880-17460-4	CS-4 (6')	Total/NA	Solid	Total BTEX	
880-17460-5	CS-5 (6')	Total/NA	Solid	Total BTEX	
880-17460-6	CS-6 (6')	Total/NA	Solid	Total BTEX	
880-17460-7	CS-7 (6')	Total/NA	Solid	Total BTEX	
880-17460-8	CS-8 (11')	Total/NA	Solid	Total BTEX	
880-17460-9	CS-9 (11')	Total/NA	Solid	Total BTEX	
880-17460-10	CS-10 (11')	Total/NA	Solid	Total BTEX	
880-17460-11	CS-11 (11')	Total/NA	Solid	Total BTEX	
880-17460-12	CS-12 (11')	Total/NA	Solid	Total BTEX	
880-17460-13	SW-1 (6')	Total/NA	Solid	Total BTEX	
880-17460-14	SW-2 (6')	Total/NA	Solid	Total BTEX	
880-17460-15	SW-3 (6')	Total/NA	Solid	Total BTEX	
880-17460-16	SW-4 (6')	Total/NA	Solid	Total BTEX	
880-17460-17	SW-5 (6')	Total/NA	Solid	Total BTEX	
880-17460-18	SW-6 (6')	Total/NA	Solid	Total BTEX	
880-17460-19	SW-7 (11')	Total/NA	Solid	Total BTEX	
880-17460-20	SW-8 (11')	Total/NA	Solid	Total BTEX	
880-17460-21	SW-9 (11')	Total/NA	Solid	Total BTEX	
880-17460-22	SW-10 (3.5')	Total/NA	Solid	Total BTEX	
880-17460-23	SW-11 (9')	Total/NA	Solid	Total BTEX	
880-17460-24	SW-12 (9')	Total/NA	Solid	Total BTEX	

Prep Batch: 30977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-22	SW-10 (3.5')	Total/NA	Solid	5035	
MB 880-30977/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30977/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30977/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2633-A-1-J MS	Matrix Spike	Total/NA	Solid	5035	
890-2633-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 30863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21	SW-9 (11')	Total/NA	Solid	8015B NM	30915
880-17460-22	SW-10 (3.5')	Total/NA	Solid	8015B NM	30915
880-17460-23	SW-11 (9')	Total/NA	Solid	8015B NM	30915
880-17460-24	SW-12 (9')	Total/NA	Solid	8015B NM	30915
MB 880-30915/1-A	Method Blank	Total/NA	Solid	8015B NM	30915
LCS 880-30915/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30915
LCSD 880-30915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30915
890-2641-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	30915
890-2641-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	30915

Analysis Batch: 30865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Total/NA	Solid	8015B NM	30894

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 30865 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-2	CS-2 (6')	Total/NA	Solid	8015B NM	30894
880-17460-3	CS-3 (6')	Total/NA	Solid	8015B NM	30894
880-17460-4	CS-4 (6')	Total/NA	Solid	8015B NM	30894
880-17460-5	CS-5 (6')	Total/NA	Solid	8015B NM	30894
880-17460-6	CS-6 (6')	Total/NA	Solid	8015B NM	30894
880-17460-7	CS-7 (6')	Total/NA	Solid	8015B NM	30894
880-17460-8	CS-8 (11')	Total/NA	Solid	8015B NM	30894
880-17460-9	CS-9 (11')	Total/NA	Solid	8015B NM	30894
880-17460-10	CS-10 (11')	Total/NA	Solid	8015B NM	30894
880-17460-11	CS-11 (11')	Total/NA	Solid	8015B NM	30894
880-17460-12	CS-12 (11')	Total/NA	Solid	8015B NM	30894
880-17460-13	SW-1 (6')	Total/NA	Solid	8015B NM	30894
880-17460-14	SW-2 (6')	Total/NA	Solid	8015B NM	30894
880-17460-15	SW-3 (6')	Total/NA	Solid	8015B NM	30894
880-17460-16	SW-4 (6')	Total/NA	Solid	8015B NM	30894
880-17460-17	SW-5 (6')	Total/NA	Solid	8015B NM	30894
880-17460-18	SW-6 (6')	Total/NA	Solid	8015B NM	30894
880-17460-19	SW-7 (11')	Total/NA	Solid	8015B NM	30894
880-17460-20	SW-8 (11')	Total/NA	Solid	8015B NM	30894
MB 880-30894/1-A	Method Blank	Total/NA	Solid	8015B NM	30894
LCS 880-30894/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30894
LCSD 880-30894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30894
880-17460-1 MS	CS-1 (6')	Total/NA	Solid	8015B NM	30894
880-17460-1 MSD	CS-1 (6')	Total/NA	Solid	8015B NM	30894

Prep Batch: 30894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Total/NA	Solid	8015NM Prep	
880-17460-2	CS-2 (6')	Total/NA	Solid	8015NM Prep	
880-17460-3	CS-3 (6')	Total/NA	Solid	8015NM Prep	
880-17460-4	CS-4 (6')	Total/NA	Solid	8015NM Prep	
880-17460-5	CS-5 (6')	Total/NA	Solid	8015NM Prep	
880-17460-6	CS-6 (6')	Total/NA	Solid	8015NM Prep	
880-17460-7	CS-7 (6')	Total/NA	Solid	8015NM Prep	
880-17460-8	CS-8 (11')	Total/NA	Solid	8015NM Prep	
880-17460-9	CS-9 (11')	Total/NA	Solid	8015NM Prep	
880-17460-10	CS-10 (11')	Total/NA	Solid	8015NM Prep	
880-17460-11	CS-11 (11')	Total/NA	Solid	8015NM Prep	
880-17460-12	CS-12 (11')	Total/NA	Solid	8015NM Prep	
880-17460-13	SW-1 (6')	Total/NA	Solid	8015NM Prep	
880-17460-14	SW-2 (6')	Total/NA	Solid	8015NM Prep	
880-17460-15	SW-3 (6')	Total/NA	Solid	8015NM Prep	
880-17460-16	SW-4 (6')	Total/NA	Solid	8015NM Prep	
880-17460-17	SW-5 (6')	Total/NA	Solid	8015NM Prep	
880-17460-18	SW-6 (6')	Total/NA	Solid	8015NM Prep	
880-17460-19	SW-7 (11')	Total/NA	Solid	8015NM Prep	
880-17460-20	SW-8 (11')	Total/NA	Solid	8015NM Prep	
MB 880-30894/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30894/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17460-1 MS	CS-1 (6')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 30894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1 MSD	CS-1 (6')	Total/NA	Solid	8015NM Prep	

Prep Batch: 30915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21	SW-9 (11')	Total/NA	Solid	8015NM Prep	
880-17460-22	SW-10 (3.5')	Total/NA	Solid	8015NM Prep	
880-17460-23	SW-11 (9')	Total/NA	Solid	8015NM Prep	
880-17460-24	SW-12 (9')	Total/NA	Solid	8015NM Prep	
MB 880-30915/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30915/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2641-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2641-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Total/NA	Solid	8015 NM	
880-17460-2	CS-2 (6')	Total/NA	Solid	8015 NM	
880-17460-3	CS-3 (6')	Total/NA	Solid	8015 NM	
880-17460-4	CS-4 (6')	Total/NA	Solid	8015 NM	
880-17460-5	CS-5 (6')	Total/NA	Solid	8015 NM	
880-17460-6	CS-6 (6')	Total/NA	Solid	8015 NM	
880-17460-7	CS-7 (6')	Total/NA	Solid	8015 NM	
880-17460-8	CS-8 (11')	Total/NA	Solid	8015 NM	
880-17460-9	CS-9 (11')	Total/NA	Solid	8015 NM	
880-17460-10	CS-10 (11')	Total/NA	Solid	8015 NM	
880-17460-11	CS-11 (11')	Total/NA	Solid	8015 NM	
880-17460-12	CS-12 (11')	Total/NA	Solid	8015 NM	
880-17460-13	SW-1 (6')	Total/NA	Solid	8015 NM	
880-17460-14	SW-2 (6')	Total/NA	Solid	8015 NM	
880-17460-15	SW-3 (6')	Total/NA	Solid	8015 NM	
880-17460-16	SW-4 (6')	Total/NA	Solid	8015 NM	
880-17460-17	SW-5 (6')	Total/NA	Solid	8015 NM	
880-17460-18	SW-6 (6')	Total/NA	Solid	8015 NM	
880-17460-19	SW-7 (11')	Total/NA	Solid	8015 NM	
880-17460-20	SW-8 (11')	Total/NA	Solid	8015 NM	
880-17460-21	SW-9 (11')	Total/NA	Solid	8015 NM	
880-17460-22	SW-10 (3.5')	Total/NA	Solid	8015 NM	
880-17460-23	SW-11 (9')	Total/NA	Solid	8015 NM	
880-17460-24	SW-12 (9')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Soluble	Solid	DI Leach	
880-17460-2	CS-2 (6')	Soluble	Solid	DI Leach	
880-17460-3	CS-3 (6')	Soluble	Solid	DI Leach	
880-17460-4	CS-4 (6')	Soluble	Solid	DI Leach	
880-17460-5	CS-5 (6')	Soluble	Solid	DI Leach	
880-17460-6	CS-6 (6')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 30903 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-7	CS-7 (6')	Soluble	Solid	DI Leach	
880-17460-8	CS-8 (11')	Soluble	Solid	DI Leach	
880-17460-9	CS-9 (11')	Soluble	Solid	DI Leach	
880-17460-10	CS-10 (11')	Soluble	Solid	DI Leach	
880-17460-11	CS-11 (11')	Soluble	Solid	DI Leach	
880-17460-12	CS-12 (11')	Soluble	Solid	DI Leach	
880-17460-13	SW-1 (6')	Soluble	Solid	DI Leach	
880-17460-14	SW-2 (6')	Soluble	Solid	DI Leach	
880-17460-15	SW-3 (6')	Soluble	Solid	DI Leach	
880-17460-16	SW-4 (6')	Soluble	Solid	DI Leach	
880-17460-17	SW-5 (6')	Soluble	Solid	DI Leach	
880-17460-18	SW-6 (6')	Soluble	Solid	DI Leach	
880-17460-19	SW-7 (11')	Soluble	Solid	DI Leach	
880-17460-20	SW-8 (11')	Soluble	Solid	DI Leach	
MB 880-30903/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30903/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30903/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17460-1 MS	CS-1 (6')	Soluble	Solid	DI Leach	
880-17460-1 MSD	CS-1 (6')	Soluble	Solid	DI Leach	
880-17460-11 MS	CS-11 (11')	Soluble	Solid	DI Leach	
880-17460-11 MSD	CS-11 (11')	Soluble	Solid	DI Leach	

Leach Batch: 30904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21	SW-9 (11')	Soluble	Solid	DI Leach	
880-17460-22	SW-10 (3.5')	Soluble	Solid	DI Leach	
880-17460-23	SW-11 (9')	Soluble	Solid	DI Leach	
880-17460-24	SW-12 (9')	Soluble	Solid	DI Leach	
MB 880-30904/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30904/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30904/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17460-21 MS	SW-9 (11')	Soluble	Solid	DI Leach	
880-17460-21 MSD	SW-9 (11')	Soluble	Solid	DI Leach	
880-17494-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17494-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 30937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-1	CS-1 (6')	Soluble	Solid	300.0	30903
880-17460-2	CS-2 (6')	Soluble	Solid	300.0	30903
880-17460-3	CS-3 (6')	Soluble	Solid	300.0	30903
880-17460-4	CS-4 (6')	Soluble	Solid	300.0	30903
880-17460-5	CS-5 (6')	Soluble	Solid	300.0	30903
880-17460-6	CS-6 (6')	Soluble	Solid	300.0	30903
880-17460-7	CS-7 (6')	Soluble	Solid	300.0	30903
880-17460-8	CS-8 (11')	Soluble	Solid	300.0	30903
880-17460-9	CS-9 (11')	Soluble	Solid	300.0	30903
880-17460-10	CS-10 (11')	Soluble	Solid	300.0	30903
880-17460-11	CS-11 (11')	Soluble	Solid	300.0	30903
880-17460-12	CS-12 (11')	Soluble	Solid	300.0	30903
880-17460-13	SW-1 (6')	Soluble	Solid	300.0	30903

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 30937 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-14	SW-2 (6')	Soluble	Solid	300.0	30903
880-17460-15	SW-3 (6')	Soluble	Solid	300.0	30903
880-17460-16	SW-4 (6')	Soluble	Solid	300.0	30903
880-17460-17	SW-5 (6')	Soluble	Solid	300.0	30903
880-17460-18	SW-6 (6')	Soluble	Solid	300.0	30903
880-17460-19	SW-7 (11')	Soluble	Solid	300.0	30903
880-17460-20	SW-8 (11')	Soluble	Solid	300.0	30903
MB 880-30903/1-A	Method Blank	Soluble	Solid	300.0	30903
LCS 880-30903/2-A	Lab Control Sample	Soluble	Solid	300.0	30903
LCSD 880-30903/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30903
880-17460-1 MS	CS-1 (6')	Soluble	Solid	300.0	30903
880-17460-1 MSD	CS-1 (6')	Soluble	Solid	300.0	30903
880-17460-11 MS	CS-11 (11')	Soluble	Solid	300.0	30903
880-17460-11 MSD	CS-11 (11')	Soluble	Solid	300.0	30903

Analysis Batch: 30947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17460-21	SW-9 (11')	Soluble	Solid	300.0	30904
880-17460-22	SW-10 (3.5')	Soluble	Solid	300.0	30904
880-17460-23	SW-11 (9')	Soluble	Solid	300.0	30904
880-17460-24	SW-12 (9')	Soluble	Solid	300.0	30904
MB 880-30904/1-A	Method Blank	Soluble	Solid	300.0	30904
LCS 880-30904/2-A	Lab Control Sample	Soluble	Solid	300.0	30904
LCSD 880-30904/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30904
880-17460-21 MS	SW-9 (11')	Soluble	Solid	300.0	30904
880-17460-21 MSD	SW-9 (11')	Soluble	Solid	300.0	30904
880-17494-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	30904
880-17494-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30904

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-1 (6')

Lab Sample ID: 880-17460-1

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 01:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 11:41	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 00:22	CH	XEN MID

Client Sample ID: CS-2 (6')

Lab Sample ID: 880-17460-2

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 01:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 12:44	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 00:46	CH	XEN MID

Client Sample ID: CS-3 (6')

Lab Sample ID: 880-17460-3

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 01:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 13:05	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 00:54	CH	XEN MID

Client Sample ID: CS-4 (6')

Lab Sample ID: 880-17460-4

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 02:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-4 (6')

Lab Sample ID: 880-17460-4

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 13:27	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 01:01	CH	XEN MID

Client Sample ID: CS-5 (6')

Lab Sample ID: 880-17460-5

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 02:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 13:48	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 01:09	CH	XEN MID

Client Sample ID: CS-6 (6')

Lab Sample ID: 880-17460-6

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 02:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 14:09	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 01:33	CH	XEN MID

Client Sample ID: CS-7 (6')

Lab Sample ID: 880-17460-7

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 03:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 14:30	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-7 (6')

Lab Sample ID: 880-17460-7

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 01:41	CH	XEN MID

Client Sample ID: CS-8 (11')

Lab Sample ID: 880-17460-8

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 03:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 14:50	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 01:49	CH	XEN MID

Client Sample ID: CS-9 (11')

Lab Sample ID: 880-17460-9

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 03:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 15:11	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 01:56	CH	XEN MID

Client Sample ID: CS-10 (11')

Lab Sample ID: 880-17460-10

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 04:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 15:32	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 02:04	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: CS-11 (11')

Lab Sample ID: 880-17460-11

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 06:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 16:14	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 02:12	CH	XEN MID

Client Sample ID: CS-12 (11')

Lab Sample ID: 880-17460-12

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 06:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 16:35	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 02:36	CH	XEN MID

Client Sample ID: SW-1 (6')

Lab Sample ID: 880-17460-13

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 06:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 16:56	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 02:43	CH	XEN MID

Client Sample ID: SW-2 (6')

Lab Sample ID: 880-17460-14

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 07:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-2 (6')

Lab Sample ID: 880-17460-14

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 17:17	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 09:40	CH	XEN MID

Client Sample ID: SW-3 (6')

Lab Sample ID: 880-17460-15

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 07:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 17:38	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 09:47	CH	XEN MID

Client Sample ID: SW-4 (6')

Lab Sample ID: 880-17460-16

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 07:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 18:00	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 09:55	CH	XEN MID

Client Sample ID: SW-5 (6')

Lab Sample ID: 880-17460-17

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 08:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 18:21	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-5 (6')

Lab Sample ID: 880-17460-17

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 10:03	CH	XEN MID

Client Sample ID: SW-6 (6')

Lab Sample ID: 880-17460-18

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 08:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 18:42	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 10:11	CH	XEN MID

Client Sample ID: SW-7 (11')

Lab Sample ID: 880-17460-19

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 08:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 19:03	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 10:19	CH	XEN MID

Client Sample ID: SW-8 (11')

Lab Sample ID: 880-17460-20

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30895	07/28/22 09:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30857	07/29/22 09:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30894	07/28/22 09:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			30865	07/28/22 19:24	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30903	07/28/22 10:35	CH	XEN MID
Soluble	Analysis	300.0		1			30937	07/29/22 10:27	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-9 (11')

Lab Sample ID: 880-17460-21

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30896	07/28/22 10:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30858	07/28/22 21:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30915	07/28/22 11:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 02:30	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30904	07/28/22 10:37	CH	XEN MID
Soluble	Analysis	300.0		1			30947	07/29/22 04:57	CH	XEN MID

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-17460-22

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 13:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30915	07/28/22 11:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 02:52	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30904	07/28/22 10:37	CH	XEN MID
Soluble	Analysis	300.0		1			30947	07/29/22 05:20	CH	XEN MID

Client Sample ID: SW-11 (9')

Lab Sample ID: 880-17460-23

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

Prep 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	30896	07/28/22 10:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30858	07/28/22 22:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30915	07/28/22 11:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 03:13	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30904	07/28/22 10:37	CH	XEN MID
Soluble	Analysis	300.0		1			30947	07/29/22 05:28	CH	XEN MID

Client Sample ID: SW-12 (9')

Lab Sample ID: 880-17460-24

Date Collected: 07/27/22 00:00

Matrix: Solid

Date Received: 07/28/22 09:42

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	30896	07/28/22 10:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30858	07/28/22 22:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30974	07/29/22 10:11	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Client Sample ID: SW-12 (9')
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:42

Lab Sample ID: 880-17460-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			30993	07/29/22 11:16	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30915	07/28/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 03:35	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30904	07/28/22 10:37	CH	XEN MID
Soluble	Analysis	300.0		1			30947	07/29/22 05:36	CH	XEN MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Method Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County 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: McCloy Pond

Job ID: 880-17460-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17460-1	CS-1 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-2	CS-2 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-3	CS-3 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-4	CS-4 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-5	CS-5 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-6	CS-6 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-7	CS-7 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-8	CS-8 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-9	CS-9 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-10	CS-10 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-11	CS-11 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-12	CS-12 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-13	SW-1 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-14	SW-2 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-15	SW-3 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-16	SW-4 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-17	SW-5 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-18	SW-6 (6')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-19	SW-7 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-20	SW-8 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-21	SW-9 (11')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-22	SW-10 (3.5')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-23	SW-11 (9')	Solid	07/27/22 00:00	07/28/22 09:42
880-17460-24	SW-12 (9')	Solid	07/27/22 00:00	07/28/22 09:42

Work Order No: 17460

Page 1 of 3

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	McCloy Pond	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes					
Project Number	1008	☐ Routine ☒ Rush														None NO	DI Water H ₂ O		
Project Location	Lea Co, NM	Due Date	24 Hrs	TAT starts the day received by the lab, if received by 4:30pm												Cool Cool	MeOH Me		
Sampler's Name	CCM																	HCL HC	HNO ₃ HN
PO #																		H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Types Blank	Yes	No	Wet Ice	Yes	No											H ₃ PO ₄ HP		
Received Intact:	Yes	No	Thermometer ID	Yes	No											NaHSO ₄ NABIS			
Cooler Custody Seals	Yes	No	Correction Factor	Yes	No											Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes	No	Temperature Reading	Yes	No											Zn Acetate+NaOH Zn			
Total Containers	Yes	No	Corrected Temperature	Yes	No											NaOH+Ascorbic Acid SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST										Sample Comments
CS-1 (6)	7/27/2022		X		C	1	BTEX 8021B											
CS-2 (6)	7/27/2022		X		C	1	TPH 8015M (GRO + DRO + MRO)											
CS-3 (6)	7/27/2022		X		C	1	Chloride 300.0											
CS-4 (6)	7/27/2022		X		C	1												
CS-5 (6)	7/27/2022		X		C	1												
CS-6 (6)	7/27/2022		X		C	1												
CS-7 (6)	7/27/2022		X		C	1												
CS-8 (11)	7/27/2022		X		C	1												
CS-9 (11)	7/27/2022		X		C	1												
CS-10 (11)	7/27/2022		X		C	1												

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
<i>Mike</i>		7/28/22 9:42	<i>[Signature]</i>		



880-17460 Chain of Custody

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- 2
- 3
- 4
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- 12
- 13
- 14

Work Order No: 17460

Page 2 of 3

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@nagle.com

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

Project Name	McCloy Pond	Turn Around	Press. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	1008	☐ Routine ☒ Rush														None NO	DI Water H ₂ O			
Project Location	Lea Co. NM	Due Date	24 Hrs													Cool Cool	MeOH Me			
Sample's Name	CCM	TAT starts the day received by the lab, if received by 4:30pm														HCL HC	HNO ₃ HN			
PO #																H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received Intact	Yes No	Thermometer ID														NaHSO ₄ NABIS				
Cooler Custody Seals	Yes No N/A	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Seals	Yes No N/A	Temperature Reading														Zn Acetate+NaOH Zn				
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid SAPC				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
CS-11 (11)	7/27/2022		X		C	1	BTEX 8021B													
CS-12 (11)	7/27/2022		X		C	1	TPH 8015M (GRO + DRO + MRO)													
SW-1 (6)	7/27/2022		X		C	1	Chloride 300.0													
SW-2 (6)	7/27/2022		X		C	1														
SW-3 (6)	7/27/2022		X		C	1														
SW-4 (6)	7/27/2022		X		C	1														
SW-5 (2)	7/27/2022		X		C	1														
SW-6 (6)	7/27/2022		X		C	1														
SW-7 (11)	7/27/2022		X		C	1														
SW-8 (11)	7/27/2022		X		C	1														

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		7/28/22 9:42			

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: _____

Released to Imaging: 8/16/2022 1:39:39 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17460-1

SDG Number: Lea County NM

Login Number: 17460

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17511-1

Laboratory Sample Delivery Group: Lea County, NM
Client Project/Site: McCloy Pond

For:

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

Attn: Conner Moehring

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

Authorized for release by:

7/31/2022 10:27:52 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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

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

Client: Carmona Resources
Project/Site: McCloy Pond

Laboratory Job ID: 880-17511-1
SDG: Lea County,NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	12
QC Sample Results	14
QC Association Summary	21
Lab Chronicle	25
Certification Summary	28
Method Summary	29
Sample Summary	30
Chain of Custody	31
Receipt Checklists	32

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Job ID: 880-17511-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-17511-1****Receipt**

The samples were received on 7/29/2022 10:45 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 1.7°C

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-30988 and 880-31011 and analytical batch 880-30959 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-31009 and 880-31013 and analytical batch 880-31049 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-31009/2-A) and (LCS 880-31013/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: CS-13 (7.5')

Lab Sample ID: 880-17511-1

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 14:16	1
m-Xylene & p-Xylene	<0.00401	U *1	0.00401		mg/Kg		07/29/22 10:52	07/29/22 14:16	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		07/29/22 10:52	07/29/22 14:16	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		07/29/22 10:52	07/29/22 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/29/22 10:52	07/29/22 14:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/29/22 10:52	07/29/22 14:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:50	07/30/22 20:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/30/22 20:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/30/22 20:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	07/29/22 13:50	07/30/22 20:57	1
o-Terphenyl	113		70 - 130	07/29/22 13:50	07/30/22 20:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.3		4.98		mg/Kg			07/29/22 22:45	1

Client Sample ID: CS-14 (7.5')

Lab Sample ID: 880-17511-2

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 14:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:52	07/29/22 14:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:52	07/29/22 14:36	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		07/29/22 10:52	07/29/22 14:36	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		07/29/22 10:52	07/29/22 14:36	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		07/29/22 10:52	07/29/22 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	07/29/22 10:52	07/29/22 14:36	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/29/22 10:52	07/29/22 14:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: CS-14 (7.5')

Lab Sample ID: 880-17511-2

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:50	07/30/22 22:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/30/22 22:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/30/22 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				07/29/22 13:50	07/30/22 22:02	1
o-Terphenyl	97		70 - 130				07/29/22 13:50	07/30/22 22:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.0		5.00		mg/Kg			07/29/22 23:13	1

Client Sample ID: CS-15 (7.5')

Lab Sample ID: 880-17511-3

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 14:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:52	07/29/22 14:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:52	07/29/22 14:57	1
m-Xylene & p-Xylene	<0.00396	U *1	0.00396		mg/Kg		07/29/22 10:52	07/29/22 14:57	1
o-Xylene	<0.00198	U *+ *1	0.00198		mg/Kg		07/29/22 10:52	07/29/22 14:57	1
Xylenes, Total	<0.00396	U *+ *1	0.00396		mg/Kg		07/29/22 10:52	07/29/22 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				07/29/22 10:52	07/29/22 14:57	1
1,4-Difluorobenzene (Surr)	104		70 - 130				07/29/22 10:52	07/29/22 14:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/29/22 13:50	07/30/22 22:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 22:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: CS-15 (7.5')

Lab Sample ID: 880-17511-3

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 22:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				07/29/22 13:50	07/30/22 22:23	1
o-Terphenyl	118		70 - 130				07/29/22 13:50	07/30/22 22:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.1		5.02		mg/Kg			07/29/22 23:22	1

Client Sample ID: CS-16 (7.5')

Lab Sample ID: 880-17511-4

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 15:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 15:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 15:17	1
m-Xylene & p-Xylene	<0.00400	U *1	0.00400		mg/Kg		07/29/22 10:52	07/29/22 15:17	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		07/29/22 10:52	07/29/22 15:17	1
Xylenes, Total	<0.00400	U *+ *1	0.00400		mg/Kg		07/29/22 10:52	07/29/22 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				07/29/22 10:52	07/29/22 15:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				07/29/22 10:52	07/29/22 15:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/29/22 13:50	07/30/22 22:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/29/22 13:50	07/30/22 22:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/22 13:50	07/30/22 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/29/22 13:50	07/30/22 22:45	1
o-Terphenyl	112		70 - 130				07/29/22 13:50	07/30/22 22:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.97		mg/Kg			07/29/22 23:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: CS-17 (7.5')

Lab Sample ID: 880-17511-5

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 15:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:52	07/29/22 15:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:52	07/29/22 15:37	1
m-Xylene & p-Xylene	<0.00402	U *1	0.00402		mg/Kg		07/29/22 10:52	07/29/22 15:37	1
o-Xylene	<0.00201	U *+ *1	0.00201		mg/Kg		07/29/22 10:52	07/29/22 15:37	1
Xylenes, Total	<0.00402	U *+ *1	0.00402		mg/Kg		07/29/22 10:52	07/29/22 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	07/29/22 10:52	07/29/22 15:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130	07/29/22 10:52	07/29/22 15:37	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			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/29/22 13:50	07/30/22 23:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 23:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	07/29/22 13:50	07/30/22 23:07	1
o-Terphenyl	111		70 - 130	07/29/22 13:50	07/30/22 23:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.9		5.05		mg/Kg			07/29/22 23:41	1

Client Sample ID: SW-13 (7.5')

Lab Sample ID: 880-17511-6

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 15:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:52	07/29/22 15:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:52	07/29/22 15:58	1
m-Xylene & p-Xylene	<0.00404	U *1	0.00404		mg/Kg		07/29/22 10:52	07/29/22 15:58	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		07/29/22 10:52	07/29/22 15:58	1
Xylenes, Total	<0.00404	U *+ *1	0.00404		mg/Kg		07/29/22 10:52	07/29/22 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	07/29/22 10:52	07/29/22 15:58	1
1,4-Difluorobenzene (Surr)	105		70 - 130	07/29/22 10:52	07/29/22 15:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: SW-13 (7.5')

Lab Sample ID: 880-17511-6

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/29/22 13:50	07/30/22 23:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/29/22 13:50	07/30/22 23:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/22 13:50	07/30/22 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/29/22 13:50	07/30/22 23:28	1
o-Terphenyl	102		70 - 130				07/29/22 13:50	07/30/22 23:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364		5.03		mg/Kg			07/30/22 00:08	1

Client Sample ID: SW-14 (7.5')

Lab Sample ID: 880-17511-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 16:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 16:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 16:18	1
m-Xylene & p-Xylene	<0.00401	U *1	0.00401		mg/Kg		07/29/22 10:52	07/29/22 16:18	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		07/29/22 10:52	07/29/22 16:18	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		07/29/22 10:52	07/29/22 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/29/22 10:52	07/29/22 16:18	1
1,4-Difluorobenzene (Surr)	105		70 - 130				07/29/22 10:52	07/29/22 16:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: SW-14 (7.5')

Lab Sample ID: 880-17511-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				07/29/22 13:01	07/30/22 18:25	1
o-Terphenyl	86		70 - 130				07/29/22 13:01	07/30/22 18:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305		4.99		mg/Kg			07/30/22 00:17	1

Client Sample ID: SW-15 (7.5')

Lab Sample ID: 880-17511-8

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 16:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:52	07/29/22 16:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:52	07/29/22 16:39	1
m-Xylene & p-Xylene	<0.00398	U *1	0.00398		mg/Kg		07/29/22 10:52	07/29/22 16:39	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		07/29/22 10:52	07/29/22 16:39	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		07/29/22 10:52	07/29/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				07/29/22 10:52	07/29/22 16:39	1
1,4-Difluorobenzene (Surr)	107		70 - 130				07/29/22 10:52	07/29/22 16:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:01	07/30/22 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/29/22 13:01	07/30/22 18:46	1
o-Terphenyl	97		70 - 130				07/29/22 13:01	07/30/22 18:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		4.97		mg/Kg			07/30/22 00:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: SW-16 (7.5')

Lab Sample ID: 880-17511-9

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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		07/29/22 10:52	07/29/22 16:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:52	07/29/22 16:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:52	07/29/22 16:59	1
m-Xylene & p-Xylene	<0.00396	U *1	0.00396		mg/Kg		07/29/22 10:52	07/29/22 16:59	1
o-Xylene	<0.00198	U *+ *1	0.00198		mg/Kg		07/29/22 10:52	07/29/22 16:59	1
Xylenes, Total	<0.00396	U *+ *1	0.00396		mg/Kg		07/29/22 10:52	07/29/22 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/29/22 10:52	07/29/22 16:59	1
1,4-Difluorobenzene (Surr)	99		70 - 130	07/29/22 10:52	07/29/22 16:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/29/22 15:54	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/29/22 13:01	07/30/22 19:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 19:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/29/22 13:01	07/30/22 19:08	1
o-Terphenyl	96		70 - 130	07/29/22 13:01	07/30/22 19:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.3		4.96		mg/Kg			07/30/22 00:36	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17511-1	CS-13 (7.5')	104	100
880-17511-1 MS	CS-13 (7.5')	104	99
880-17511-1 MSD	CS-13 (7.5')	100	100
880-17511-2	CS-14 (7.5')	105	104
880-17511-3	CS-15 (7.5')	103	104
880-17511-4	CS-16 (7.5')	100	102
880-17511-5	CS-17 (7.5')	106	105
880-17511-6	SW-13 (7.5')	107	105
880-17511-7	SW-14 (7.5')	109	105
880-17511-8	SW-15 (7.5')	111	107
880-17511-9	SW-16 (7.5')	113	99
890-2665-A-1-C MS	Matrix Spike	104	100
890-2665-A-1-D MSD	Matrix Spike Duplicate	103	103
LCS 880-30988/1-A	Lab Control Sample	98	101
LCS 880-31011/1-A	Lab Control Sample	104	97
LCSD 880-30988/2-A	Lab Control Sample Dup	129	79
LCSD 880-31011/2-A	Lab Control Sample Dup	104	99
MB 880-30988/5-A	Method Blank	95	101
MB 880-31011/5-A	Method Blank	96	101
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)
880-17511-1	CS-13 (7.5')	104	113
880-17511-1 MS	CS-13 (7.5')	95	97
880-17511-1 MSD	CS-13 (7.5')	100	108
880-17511-2	CS-14 (7.5')	88	97
880-17511-3	CS-15 (7.5')	106	118
880-17511-4	CS-16 (7.5')	100	112
880-17511-5	CS-17 (7.5')	99	111
880-17511-6	SW-13 (7.5')	95	102
880-17511-7	SW-14 (7.5')	83	86
880-17511-8	SW-15 (7.5')	89	97
880-17511-9	SW-16 (7.5')	92	96
890-2670-A-1-B MS	Matrix Spike	110	108
890-2670-A-1-C MSD	Matrix Spike Duplicate	104	97
LCS 880-31009/2-A	Lab Control Sample	115	133 S1+
LCS 880-31013/2-A	Lab Control Sample	131 S1+	141 S1+
LCSD 880-31009/3-A	Lab Control Sample Dup	103	117
LCSD 880-31013/3-A	Lab Control Sample Dup	122	120
MB 880-31009/1-A	Method Blank	104	117
MB 880-31013/1-A	Method Blank	101	110
Surrogate Legend			

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Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 880-17511-1
SDG: Lea County,NM

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30988/5-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:52	07/29/22 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/29/22 10:52	07/29/22 13:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 10:52	07/29/22 13:46	1

Lab Sample ID: LCS 880-30988/1-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09249		mg/Kg		92	70 - 130
Toluene	0.100	0.09887		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.08511		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1718		mg/Kg		86	70 - 130
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-30988/2-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 30988

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07256		mg/Kg		73	70 - 130	24	35
Toluene	0.100	0.1122		mg/Kg		112	70 - 130	13	35
Ethylbenzene	0.100	0.1177		mg/Kg		118	70 - 130	32	35
m-Xylene & p-Xylene	0.200	0.2567	*1	mg/Kg		128	70 - 130	40	35
o-Xylene	0.100	0.1484	*+ *1	mg/Kg		148	70 - 130	38	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-17511-1 MS

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: CS-13 (7.5')

Prep Type: Total/NA

Prep Batch: 30988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.07857		mg/Kg		78	70 - 130
Toluene	<0.00200	U	0.101	0.09503		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

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

Lab Sample ID: 880-17511-1 MS

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: CS-13 (7.5')

Prep Type: Total/NA

Prep Batch: 30988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.101	0.08459		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00401	U *1	0.201	0.1735		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U *+ *1	0.101	0.09960		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-17511-1 MSD

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: CS-13 (7.5')

Prep Type: Total/NA

Prep Batch: 30988

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.101	0.08310		mg/Kg		82	70 - 130	6	35
Toluene	<0.00200	U	0.101	0.09709		mg/Kg		96	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.101	0.08542		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U *1	0.202	0.1739		mg/Kg		86	70 - 130	0	35
o-Xylene	<0.00200	U *+ *1	0.101	0.1008		mg/Kg		100	70 - 130	1	35

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

Lab Sample ID: MB 880-31011/5-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/29/22 13:17	07/30/22 01:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 13:17	07/30/22 01:37	1

Lab Sample ID: LCS 880-31011/1-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07777		mg/Kg		78	70 - 130
Toluene	0.100	0.09255		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08154		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1658		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

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

Lab Sample ID: LCS 880-31011/1-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09992		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-31011/2-A

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31011

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.06253	*-	mg/Kg		63	70 - 130	22	35
Toluene	0.100	0.07063		mg/Kg		71	70 - 130	27	35
Ethylbenzene	0.100	0.06380	*-	mg/Kg		64	70 - 130	24	35
m-Xylene & p-Xylene	0.200	0.1309	*-	mg/Kg		65	70 - 130	24	35
o-Xylene	0.100	0.07995		mg/Kg		80	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2665-A-1-C MS

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U *-	0.101	0.08983		mg/Kg		89	70 - 130
Toluene	<0.00202	U	0.101	0.09393		mg/Kg		93	70 - 130
Ethylbenzene	<0.00202	U *-	0.101	0.08053		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00404	U *-	0.202	0.1598		mg/Kg		79	70 - 130
o-Xylene	<0.00202	U	0.101	0.09468		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2665-A-1-D MSD

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U *-	0.100	0.08740		mg/Kg		87	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.09226		mg/Kg		92	70 - 130	2	35
Ethylbenzene	<0.00202	U *-	0.100	0.07873		mg/Kg		79	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U *-	0.200	0.1573		mg/Kg		79	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09257		mg/Kg		92	70 - 130	2	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

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

Lab Sample ID: 890-2665-A-1-D MSD

Matrix: Solid

Analysis Batch: 30959

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31011

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

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

Lab Sample ID: MB 880-31009/1-A

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31009

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	104		70 - 130	07/29/22 13:01	07/30/22 10:06	1				
o-Terphenyl	117		70 - 130	07/29/22 13:01	07/30/22 10:06	1				

Lab Sample ID: LCS 880-31009/2-A

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31009

	Spike	LCS	LCS							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1166		mg/Kg		117		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1043		mg/Kg		104		70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: LCSD 880-31009/3-A

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31009

	Spike	LCSD	LCSD							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	932.2	*1	mg/Kg		93		70 - 130	22	20
Diesel Range Organics (Over C10-C28)	1000	919.7		mg/Kg		92		70 - 130	13	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	117		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

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

Lab Sample ID: 890-2670-A-1-B MS

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31009

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	871.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	772.9		mg/Kg		77	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	108		70 - 130						

Lab Sample ID: 890-2670-A-1-C MSD

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31009

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	995.4		mg/Kg		98	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	706.7		mg/Kg		71	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	104		70 - 130								
o-Terphenyl	97		70 - 130								

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

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 19:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 19:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 19:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				07/29/22 13:50	07/30/22 19:52	1
o-Terphenyl	110		70 - 130				07/29/22 13:50	07/30/22 19:52	1

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

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31013

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	780.9		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1021		mg/Kg		102	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

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

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

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31013

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	141	S1+	70 - 130

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

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31013

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 880-17511-1 MS

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: CS-13 (7.5')

Prep Type: Total/NA

Prep Batch: 31013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1080		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	711.2		mg/Kg		71	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 880-17511-1 MSD

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: CS-13 (7.5')

Prep Type: Total/NA

Prep Batch: 31013

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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	108		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30995/1-A

Matrix: Solid

Analysis Batch: 31033

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/29/22 22:18	1

Lab Sample ID: LCS 880-30995/2-A

Matrix: Solid

Analysis Batch: 31033

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.8		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-30995/3-A

Matrix: Solid

Analysis Batch: 31033

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	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-17511-1 MS

Matrix: Solid

Analysis Batch: 31033

Client Sample ID: CS-13 (7.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.3		249	256.2		mg/Kg		94	90 - 110

Lab Sample ID: 880-17511-1 MSD

Matrix: Solid

Analysis Batch: 31033

Client Sample ID: CS-13 (7.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.3		249	249.4		mg/Kg		91	90 - 110	3	20

Lab Sample ID: 890-2673-A-1-C MS

Matrix: Solid

Analysis Batch: 31033

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.7		250	261.6		mg/Kg		95	90 - 110

Lab Sample ID: 890-2673-A-1-F MSD

Matrix: Solid

Analysis Batch: 31033

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.7		250	274.0		mg/Kg		99	90 - 110	5	20

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

GC VOA

Analysis Batch: 30959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Total/NA	Solid	8021B	30988
880-17511-2	CS-14 (7.5')	Total/NA	Solid	8021B	30988
880-17511-3	CS-15 (7.5')	Total/NA	Solid	8021B	30988
880-17511-4	CS-16 (7.5')	Total/NA	Solid	8021B	30988
880-17511-5	CS-17 (7.5')	Total/NA	Solid	8021B	30988
880-17511-6	SW-13 (7.5')	Total/NA	Solid	8021B	30988
880-17511-7	SW-14 (7.5')	Total/NA	Solid	8021B	30988
880-17511-8	SW-15 (7.5')	Total/NA	Solid	8021B	30988
880-17511-9	SW-16 (7.5')	Total/NA	Solid	8021B	30988
MB 880-30988/5-A	Method Blank	Total/NA	Solid	8021B	30988
MB 880-31011/5-A	Method Blank	Total/NA	Solid	8021B	31011
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	8021B	30988
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	8021B	31011
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30988
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31011
880-17511-1 MS	CS-13 (7.5')	Total/NA	Solid	8021B	30988
880-17511-1 MSD	CS-13 (7.5')	Total/NA	Solid	8021B	30988
890-2665-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	31011
890-2665-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31011

Prep Batch: 30988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Total/NA	Solid	5035	
880-17511-2	CS-14 (7.5')	Total/NA	Solid	5035	
880-17511-3	CS-15 (7.5')	Total/NA	Solid	5035	
880-17511-4	CS-16 (7.5')	Total/NA	Solid	5035	
880-17511-5	CS-17 (7.5')	Total/NA	Solid	5035	
880-17511-6	SW-13 (7.5')	Total/NA	Solid	5035	
880-17511-7	SW-14 (7.5')	Total/NA	Solid	5035	
880-17511-8	SW-15 (7.5')	Total/NA	Solid	5035	
880-17511-9	SW-16 (7.5')	Total/NA	Solid	5035	
MB 880-30988/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17511-1 MS	CS-13 (7.5')	Total/NA	Solid	5035	
880-17511-1 MSD	CS-13 (7.5')	Total/NA	Solid	5035	

Prep Batch: 31011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31011/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2665-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-2665-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-2	CS-14 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-3	CS-15 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-4	CS-16 (7.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

GC VOA (Continued)

Analysis Batch: 31031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-5	CS-17 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-6	SW-13 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-7	SW-14 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-8	SW-15 (7.5')	Total/NA	Solid	Total BTEX	
880-17511-9	SW-16 (7.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 31009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-7	SW-14 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-8	SW-15 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-9	SW-16 (7.5')	Total/NA	Solid	8015NM Prep	
MB 880-31009/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31009/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 31013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-2	CS-14 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-3	CS-15 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-4	CS-16 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-5	CS-17 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-6	SW-13 (7.5')	Total/NA	Solid	8015NM Prep	
MB 880-31013/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31013/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31013/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17511-1 MS	CS-13 (7.5')	Total/NA	Solid	8015NM Prep	
880-17511-1 MSD	CS-13 (7.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Total/NA	Solid	8015B NM	31013
880-17511-2	CS-14 (7.5')	Total/NA	Solid	8015B NM	31013
880-17511-3	CS-15 (7.5')	Total/NA	Solid	8015B NM	31013
880-17511-4	CS-16 (7.5')	Total/NA	Solid	8015B NM	31013
880-17511-5	CS-17 (7.5')	Total/NA	Solid	8015B NM	31013
880-17511-6	SW-13 (7.5')	Total/NA	Solid	8015B NM	31013
880-17511-7	SW-14 (7.5')	Total/NA	Solid	8015B NM	31009
880-17511-8	SW-15 (7.5')	Total/NA	Solid	8015B NM	31009
880-17511-9	SW-16 (7.5')	Total/NA	Solid	8015B NM	31009
MB 880-31009/1-A	Method Blank	Total/NA	Solid	8015B NM	31009
MB 880-31013/1-A	Method Blank	Total/NA	Solid	8015B NM	31013
LCS 880-31009/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31009
LCS 880-31013/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31013
LCSD 880-31009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31009
LCSD 880-31013/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31013
880-17511-1 MS	CS-13 (7.5')	Total/NA	Solid	8015B NM	31013

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

GC Semi VOA (Continued)

Analysis Batch: 31049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1 MSD	CS-13 (7.5')	Total/NA	Solid	8015B NM	31013
890-2670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	31009
890-2670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	31009

Analysis Batch: 31116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Total/NA	Solid	8015 NM	
880-17511-2	CS-14 (7.5')	Total/NA	Solid	8015 NM	
880-17511-3	CS-15 (7.5')	Total/NA	Solid	8015 NM	
880-17511-4	CS-16 (7.5')	Total/NA	Solid	8015 NM	
880-17511-5	CS-17 (7.5')	Total/NA	Solid	8015 NM	
880-17511-6	SW-13 (7.5')	Total/NA	Solid	8015 NM	
880-17511-7	SW-14 (7.5')	Total/NA	Solid	8015 NM	
880-17511-8	SW-15 (7.5')	Total/NA	Solid	8015 NM	
880-17511-9	SW-16 (7.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Soluble	Solid	DI Leach	
880-17511-2	CS-14 (7.5')	Soluble	Solid	DI Leach	
880-17511-3	CS-15 (7.5')	Soluble	Solid	DI Leach	
880-17511-4	CS-16 (7.5')	Soluble	Solid	DI Leach	
880-17511-5	CS-17 (7.5')	Soluble	Solid	DI Leach	
880-17511-6	SW-13 (7.5')	Soluble	Solid	DI Leach	
880-17511-7	SW-14 (7.5')	Soluble	Solid	DI Leach	
880-17511-8	SW-15 (7.5')	Soluble	Solid	DI Leach	
880-17511-9	SW-16 (7.5')	Soluble	Solid	DI Leach	
MB 880-30995/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30995/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30995/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17511-1 MS	CS-13 (7.5')	Soluble	Solid	DI Leach	
880-17511-1 MSD	CS-13 (7.5')	Soluble	Solid	DI Leach	
890-2673-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2673-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 31033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1	CS-13 (7.5')	Soluble	Solid	300.0	30995
880-17511-2	CS-14 (7.5')	Soluble	Solid	300.0	30995
880-17511-3	CS-15 (7.5')	Soluble	Solid	300.0	30995
880-17511-4	CS-16 (7.5')	Soluble	Solid	300.0	30995
880-17511-5	CS-17 (7.5')	Soluble	Solid	300.0	30995
880-17511-6	SW-13 (7.5')	Soluble	Solid	300.0	30995
880-17511-7	SW-14 (7.5')	Soluble	Solid	300.0	30995
880-17511-8	SW-15 (7.5')	Soluble	Solid	300.0	30995
880-17511-9	SW-16 (7.5')	Soluble	Solid	300.0	30995
MB 880-30995/1-A	Method Blank	Soluble	Solid	300.0	30995
LCS 880-30995/2-A	Lab Control Sample	Soluble	Solid	300.0	30995
LCSD 880-30995/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30995

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

HPLC/IC (Continued)

Analysis Batch: 31033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17511-1 MS	CS-13 (7.5')	Soluble	Solid	300.0	30995
880-17511-1 MSD	CS-13 (7.5')	Soluble	Solid	300.0	30995
890-2673-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	30995
890-2673-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30995

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: CS-13 (7.5')

Lab Sample ID: 880-17511-1

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 14:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31013	07/29/22 13:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 20:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/29/22 22:45	CH	XEN MID

Client Sample ID: CS-14 (7.5')

Lab Sample ID: 880-17511-2

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Prep 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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 14:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31013	07/29/22 13:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 22:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/29/22 23:13	CH	XEN MID

Client Sample ID: CS-15 (7.5')

Lab Sample ID: 880-17511-3

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Prep 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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 14:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31013	07/29/22 13:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 22:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/29/22 23:22	CH	XEN MID

Client Sample ID: CS-16 (7.5')

Lab Sample ID: 880-17511-4

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Prep 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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 15:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: CS-16 (7.5')

Lab Sample ID: 880-17511-4

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31013	07/29/22 13:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 22:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/29/22 23:31	CH	XEN MID

Client Sample ID: CS-17 (7.5')

Lab Sample ID: 880-17511-5

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 15:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31013	07/29/22 13:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 23:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/29/22 23:41	CH	XEN MID

Client Sample ID: SW-13 (7.5')

Lab Sample ID: 880-17511-6

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 15:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31013	07/29/22 13:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 23:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/30/22 00:08	CH	XEN MID

Client Sample ID: SW-14 (7.5')

Lab Sample ID: 880-17511-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 16:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31009	07/29/22 13:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 18:25	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Client Sample ID: SW-14 (7.5')

Lab Sample ID: 880-17511-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

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	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/30/22 00:17	CH	XEN MID

Client Sample ID: SW-15 (7.5')

Lab Sample ID: 880-17511-8

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Prep 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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 16:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31009	07/29/22 13:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/30/22 00:27	CH	XEN MID

Client Sample ID: SW-16 (7.5')

Lab Sample ID: 880-17511-9

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 10:45

Prep 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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 16:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31031	07/29/22 15:54	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31116	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31009	07/29/22 13:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 19:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/30/22 00:36	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: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Method Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,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: McCloy Pond

Job ID: 880-17511-1
SDG: Lea County,NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17511-1	CS-13 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-2	CS-14 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-3	CS-15 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-4	CS-16 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-5	CS-17 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-6	SW-13 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-7	SW-14 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-8	SW-15 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45
880-17511-9	SW-16 (7.5')	Solid	07/28/22 00:00	07/29/22 10:45

Work Order No: 17511

Page 1 of 1

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St. Ste 415	Address	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@naglep.com

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

Project Name:	McCloy Pond	Turn Around	☐ Routine ☒ Rush	Press. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number	1008	Due Date	24 Hrs												None NO	DI Water H ₂ O
Project Location	Lea Co. NM	TAT starts the day received by the lab if received by 4:30pm													Cool Cool	MeOH Me
Sampler's Name	CCM														HCL, HC	HNO ₃ HN
PO #:															H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP	
Received Intact:	(Yes) No	Thermometer ID	186												NaHSO ₄ NABIS	
Cooler Custody Seals.	Yes No	Correction Factor	1.2												Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals.	Yes No	Temperature Reading	1.5												Zn Acetate+NaOH Zn	
Total Containers	Yes No	Corrected Temperature	1.7												NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
CS-13 (7 5')	7/28/2022		X		C	1	BTEX 8021B											
CS-14 (7 5')	7/28/2022		X		C	1	TPH 8015M (GRO + DRO + MRO)											
CS-15 (7 5')	7/28/2022		X		C	1	Chloride 300.0											
CS-16 (7 5')	7/28/2022		X		C	1												
CS-17 (7 5')	7/28/2022		X		C	1												
SW-13 (7 5')	7/28/2022		X		C	1												
SW-14 (7 5')	7/28/2022		X		C	1												
SW-15 (7 5')	7/28/2022		X		C	1												
SW-16 (7 5')	7/28/2022		X		C	1												



860-17511 Chain of Custody

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		7/29/22 1042			7/29/22

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17511-1

SDG Number: Lea County,NM

Login Number: 17511

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17548-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: McCloy Pond
Revision: 1

For:

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

Attn: Conner Moehring

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

Authorized for release by:
8/3/2022 6:08:47 PM

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

Client: Carmona Resources
Project/Site: McCloy Pond

Laboratory Job ID: 880-17548-1
SDG: Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	27
QC Sample Results	29
QC Association Summary	40
Lab Chronicle	48
Certification Summary	57
Method Summary	58
Sample Summary	59
Chain of Custody	60
Receipt Checklists	63

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Job ID: 880-17548-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-17548-1**

REVISION

The report being provided is a revision of the original report sent on 8/2/2022. The report (revision 1) is being revised due to Per client email, requesting RUSH chloride re run.

Report revision history

Receipt

The samples were received on 8/1/2022 11:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-31188 and analytical batch 880-31185 was outside control limits. Sample matrix interference is suspected.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-21 (4') (880-17548-4) and SW-17 (4') (880-17548-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Manual integration was performed on the following samples: CS-21 (4') (880-17548-4) and SW-17 (4') (880-17548-5) due to false positive detections.

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

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 880-31225/2-A) and (LCSD 880-31225/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-18 (4') (880-17548-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-33 (4') (880-17548-21) and (880-17548-A-21-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-35 (4') (880-17548-23) and SW-36 (4') (880-17548-24). 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: SW-39 (2.5') (880-17548-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-31208 and analytical batch 880-31234 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because

Case Narrative

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Job ID: 880-17548-1 (Continued)

Laboratory: Eurofins Midland (Continued)

the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-31208 and analytical batch 880-31234 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-31194 and 880-31194 and analytical batch 880-31233 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-17548-1

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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		08/01/22 12:03	08/02/22 02:28	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		08/01/22 12:03	08/02/22 02:28	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		08/01/22 12:03	08/02/22 02:28	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402		mg/Kg		08/01/22 12:03	08/02/22 02:28	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		08/01/22 12:03	08/02/22 02:28	1
Xylenes, Total	<0.00402	U F2 F1	0.00402		mg/Kg		08/01/22 12:03	08/02/22 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/01/22 12:03	08/02/22 02:28	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/01/22 12:03	08/02/22 02:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/01/22 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/01/22 21:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/01/22 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/01/22 16:37	08/01/22 21:21	1
o-Terphenyl	131	S1+	70 - 130	08/01/22 16:37	08/01/22 21:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	526		4.97		mg/Kg			08/03/22 14:34	1

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-17548-2

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 02:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 02:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 02:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 02:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 02:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/01/22 12:03	08/02/22 02:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/01/22 12:03	08/02/22 02:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-17548-2

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/01/22 22:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/01/22 22:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/01/22 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/01/22 16:37	08/01/22 22:26	1
o-Terphenyl	120		70 - 130				08/01/22 16:37	08/01/22 22:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		4.95		mg/Kg			08/01/22 21:14	1

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-17548-3

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 03:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/01/22 12:03	08/02/22 03:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/01/22 12:03	08/02/22 03:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 22:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 22:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-17548-3

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				08/01/22 16:37	08/01/22 22:47	1
o-Terphenyl	100		70 - 130				08/01/22 16:37	08/01/22 22:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		4.99		mg/Kg			08/01/22 21:23	1

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-17548-4

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 03:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				08/01/22 12:03	08/02/22 03:29	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/01/22 12:03	08/02/22 03:29	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			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 16:37	08/01/22 23:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 16:37	08/01/22 23:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 16:37	08/01/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/01/22 16:37	08/01/22 23:09	1
o-Terphenyl	123		70 - 130				08/01/22 16:37	08/01/22 23:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		5.00		mg/Kg			08/01/22 21:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-17 (4')

Lab Sample ID: 880-17548-5

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 03:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 03:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	33	S1-	70 - 130	08/01/22 12:03	08/02/22 03:49	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/01/22 12:03	08/02/22 03:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 23:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 23:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	08/01/22 16:37	08/01/22 23:31	1
o-Terphenyl	100		70 - 130	08/01/22 16:37	08/01/22 23:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.4		4.95		mg/Kg			08/01/22 21:42	1

Client Sample ID: SW-18 (4')

Lab Sample ID: 880-17548-6

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 12:03	08/02/22 04:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 12:03	08/02/22 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/01/22 12:03	08/02/22 04:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/01/22 12:03	08/02/22 04:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-18 (4')

Lab Sample ID: 880-17548-6

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 16:37	08/01/22 23:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 16:37	08/01/22 23:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 16:37	08/01/22 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/01/22 16:37	08/01/22 23:52	1
o-Terphenyl	114		70 - 130				08/01/22 16:37	08/01/22 23:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.9		4.96		mg/Kg			08/01/22 22:10	1

Client Sample ID: SW-19 (4')

Lab Sample ID: 880-17548-7

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 04:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 04:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 04:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 12:03	08/02/22 04:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 04:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 12:03	08/02/22 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/01/22 12:03	08/02/22 04:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/01/22 12:03	08/02/22 04:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 00:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 00:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-19 (4')

Lab Sample ID: 880-17548-7

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/01/22 16:37	08/02/22 00:13	1
o-Terphenyl	107		70 - 130				08/01/22 16:37	08/02/22 00:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.8		5.00		mg/Kg			08/01/22 22:19	1

Client Sample ID: SW-20 (4')

Lab Sample ID: 880-17548-8

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 04:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 04:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/01/22 12:03	08/02/22 04:51	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/01/22 12:03	08/02/22 04:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 00:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/01/22 16:37	08/02/22 00:35	1
o-Terphenyl	110		70 - 130				08/01/22 16:37	08/02/22 00:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.0		4.97		mg/Kg			08/01/22 22:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-21 (4')

Lab Sample ID: 880-17548-9

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 05:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 05:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 05:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/01/22 12:03	08/02/22 05:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 05:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/01/22 12:03	08/02/22 05:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/01/22 12:03	08/02/22 05:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/01/22 12:03	08/02/22 05:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 00:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 00:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	08/01/22 16:37	08/02/22 00:56	1
o-Terphenyl	106		70 - 130	08/01/22 16:37	08/02/22 00:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		5.00		mg/Kg			08/01/22 22:37	1

Client Sample ID: SW-22 (4')

Lab Sample ID: 880-17548-10

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 05:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 05:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 05:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 05:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 05:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/01/22 12:03	08/02/22 05:31	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/01/22 12:03	08/02/22 05:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-22 (4')

Lab Sample ID: 880-17548-10

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 01:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 01:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/01/22 16:37	08/02/22 01:17	1
o-Terphenyl	115		70 - 130				08/01/22 16:37	08/02/22 01:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		4.99		mg/Kg			08/01/22 22:46	1

Client Sample ID: SW-23 (4')

Lab Sample ID: 880-17548-11

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 07:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 07:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 07:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 07:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 07:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 07:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/01/22 12:03	08/02/22 07:21	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/01/22 12:03	08/02/22 07:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 01:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 01:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-23 (4')

Lab Sample ID: 880-17548-11

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				08/01/22 16:37	08/02/22 01:59	1
o-Terphenyl	108		70 - 130				08/01/22 16:37	08/02/22 01:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.2	F1	4.97		mg/Kg			08/01/22 22:56	1

Client Sample ID: SW-24 (4')

Lab Sample ID: 880-17548-12

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 07:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 07:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 07:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 12:03	08/02/22 07:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:03	08/02/22 07:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 12:03	08/02/22 07:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				08/01/22 12:03	08/02/22 07:42	1
1,4-Difluorobenzene (Surr)	110		70 - 130				08/01/22 12:03	08/02/22 07:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 02:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 02:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/01/22 16:37	08/02/22 02:20	1
o-Terphenyl	115		70 - 130				08/01/22 16:37	08/02/22 02:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.99		mg/Kg			08/01/22 23:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-25 (4')

Lab Sample ID: 880-17548-13

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 08:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 08:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 08:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 12:03	08/02/22 08:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 08:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 12:03	08/02/22 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	08/01/22 12:03	08/02/22 08:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/01/22 12:03	08/02/22 08:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 02:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 02:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	08/01/22 16:37	08/02/22 02:41	1
o-Terphenyl	101		70 - 130	08/01/22 16:37	08/02/22 02:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		5.00		mg/Kg			08/01/22 23:32	1

Client Sample ID: SW-26 (4')

Lab Sample ID: 880-17548-14

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 08:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 08:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 08:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/01/22 12:03	08/02/22 08:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 08:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/01/22 12:03	08/02/22 08:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/01/22 12:03	08/02/22 08:23	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/01/22 12:03	08/02/22 08:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-26 (4')

Lab Sample ID: 880-17548-14

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				08/01/22 16:37	08/02/22 03:02	1
o-Terphenyl	105		70 - 130				08/01/22 16:37	08/02/22 03:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.62		5.00		mg/Kg			08/02/22 00:00	1

Client Sample ID: SW-27 (4')

Lab Sample ID: 880-17548-15

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 09:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 09:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 09:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 09:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 09:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 09:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				08/01/22 12:03	08/02/22 09:03	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/01/22 12:03	08/02/22 09:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-27 (4')

Lab Sample ID: 880-17548-15

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/01/22 16:37	08/02/22 03:24	1
o-Terphenyl	100		70 - 130				08/01/22 16:37	08/02/22 03:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		4.96		mg/Kg			08/02/22 00:09	1

Client Sample ID: SW-28 (4')

Lab Sample ID: 880-17548-16

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 09:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 09:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 09:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 09:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 09:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 09:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/01/22 12:03	08/02/22 09:24	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/01/22 12:03	08/02/22 09:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/01/22 16:37	08/02/22 03:45	1
o-Terphenyl	112		70 - 130				08/01/22 16:37	08/02/22 03:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		5.02		mg/Kg			08/02/22 00:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-29 (4')

Lab Sample ID: 880-17548-17

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 09:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 09:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 09:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/01/22 12:03	08/02/22 09:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 12:03	08/02/22 09:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/01/22 12:03	08/02/22 09:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/01/22 12:03	08/02/22 09:44	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/01/22 12:03	08/02/22 09:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 04:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 04:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:37	08/02/22 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/01/22 16:37	08/02/22 04:06	1
o-Terphenyl	114		70 - 130	08/01/22 16:37	08/02/22 04:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.6		4.99		mg/Kg			08/02/22 00:28	1

Client Sample ID: SW-30 (4')

Lab Sample ID: 880-17548-18

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 10:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 10:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 10:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 10:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 10:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:03	08/02/22 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/01/22 12:03	08/02/22 10:05	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/01/22 12:03	08/02/22 10:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-30 (4')

Lab Sample ID: 880-17548-18

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 04:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 04:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/01/22 16:37	08/02/22 04:27	1
o-Terphenyl	113		70 - 130				08/01/22 16:37	08/02/22 04:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	353		5.05		mg/Kg			08/02/22 00:37	1

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-17548-19

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 10:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 10:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/01/22 12:03	08/02/22 10:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/01/22 12:03	08/02/22 10:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 04:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 04:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-17548-19

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/01/22 16:37	08/02/22 04:48	1
o-Terphenyl	99		70 - 130				08/01/22 16:37	08/02/22 04:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.98		mg/Kg			08/02/22 00:46	1

Client Sample ID: SW-32 (4')

Lab Sample ID: 880-17548-20

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 10:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:03	08/02/22 10:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:03	08/02/22 10:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/01/22 12:03	08/02/22 10:46	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/01/22 12:03	08/02/22 10:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 05:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 05:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/02/22 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/01/22 16:37	08/02/22 05:09	1
o-Terphenyl	100		70 - 130				08/01/22 16:37	08/02/22 05:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.49		5.00		mg/Kg			08/02/22 00:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-33 (4')

Lab Sample ID: 880-17548-21

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 11:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 11:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 11:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 12:09	08/02/22 11:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 11:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 12:09	08/02/22 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/01/22 12:09	08/02/22 11:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/01/22 12:09	08/02/22 11:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/01/22 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/01/22 21:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/01/22 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130	08/01/22 16:06	08/01/22 21:21	1
o-Terphenyl	60	S1-	70 - 130	08/01/22 16:06	08/01/22 21:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165	F1	4.99		mg/Kg			08/02/22 02:09	1

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-17548-22

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 12:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/01/22 12:09	08/02/22 12:12	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/01/22 12:09	08/02/22 12:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-17548-22

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/01/22 22:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/01/22 22:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/01/22 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				08/01/22 16:06	08/01/22 22:26	1
o-Terphenyl	86		70 - 130				08/01/22 16:06	08/01/22 22:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		4.97		mg/Kg			08/02/22 02:37	1

Client Sample ID: SW-35 (4')

Lab Sample ID: 880-17548-23

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 12:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 12:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 12:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:09	08/02/22 12:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 12:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:09	08/02/22 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/01/22 12:09	08/02/22 12:33	1
1,4-Difluorobenzene (Surr)	122		70 - 130				08/01/22 12:09	08/02/22 12:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 22:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 22:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-35 (4')

Lab Sample ID: 880-17548-23

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				08/01/22 16:06	08/01/22 22:47	1
o-Terphenyl	66	S1-	70 - 130				08/01/22 16:06	08/01/22 22:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		4.98		mg/Kg			08/02/22 02:46	1

Client Sample ID: SW-36 (4')

Lab Sample ID: 880-17548-24

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:53	1
Toluene	0.00370		0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 12:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 12:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/01/22 12:09	08/02/22 12:53	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/01/22 12:09	08/02/22 12:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 16:06	08/01/22 23:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 16:06	08/01/22 23:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 16:06	08/01/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	51	S1-	70 - 130				08/01/22 16:06	08/01/22 23:09	1
o-Terphenyl	53	S1-	70 - 130				08/01/22 16:06	08/01/22 23:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.04		mg/Kg			08/02/22 02:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-37 (4')

Lab Sample ID: 880-17548-25

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 13:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 13:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 13:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 12:09	08/02/22 13:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 12:09	08/02/22 13:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 12:09	08/02/22 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/01/22 12:09	08/02/22 13:14	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/01/22 12:09	08/02/22 13:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 23:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 23:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	08/01/22 16:06	08/01/22 23:31	1
o-Terphenyl	97		70 - 130	08/01/22 16:06	08/01/22 23:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		4.97		mg/Kg			08/02/22 03:05	1

Client Sample ID: SW-38 (1.5')

Lab Sample ID: 880-17548-26

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 12:09	08/02/22 13:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 12:09	08/02/22 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/01/22 12:09	08/02/22 13:35	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/01/22 12:09	08/02/22 13:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-38 (1.5')

Lab Sample ID: 880-17548-26

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 16:06	08/01/22 23:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 16:06	08/01/22 23:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 16:06	08/01/22 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				08/01/22 16:06	08/01/22 23:52	1
o-Terphenyl	82		70 - 130				08/01/22 16:06	08/01/22 23:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.77		4.97		mg/Kg			08/02/22 03:32	1

Client Sample ID: SW-39 (2.5')

Lab Sample ID: 880-17548-27

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 13:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/01/22 12:09	08/02/22 13:56	1
1,4-Difluorobenzene (Surr)	119		70 - 130				08/01/22 12:09	08/02/22 13:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/02/22 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/02/22 00:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/02/22 00:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-39 (2.5')

Lab Sample ID: 880-17548-27

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 16:06	08/02/22 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	08/01/22 16:06	08/02/22 00:13	1
o-Terphenyl	73		70 - 130	08/01/22 16:06	08/02/22 00:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		5.03		mg/Kg			08/01/22 16:41	1

Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea 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)
880-17508-A-12-C MS	Matrix Spike	81	112
880-17508-A-12-D MSD	Matrix Spike Duplicate	86	116
880-17548-1	CS-18 (4')	116	93
880-17548-1 MS	CS-18 (4')	107	96
880-17548-1 MSD	CS-18 (4')	100	95
880-17548-2	CS-19 (4')	97	97
880-17548-3	CS-20 (4')	107	97
880-17548-4	CS-21 (4')	69 S1-	90
880-17548-5	SW-17 (4')	33 S1-	108
880-17548-6	SW-18 (4')	100	93
880-17548-7	SW-19 (4')	94	92
880-17548-8	SW-20 (4')	102	107
880-17548-9	SW-21 (4')	105	96
880-17548-10	SW-22 (4')	102	100
880-17548-11	SW-23 (4')	101	97
880-17548-12	SW-24 (4')	90	110
880-17548-13	SW-25 (4')	96	90
880-17548-14	SW-26 (4')	101	99
880-17548-15	SW-27 (4')	84	103
880-17548-16	SW-28 (4')	105	100
880-17548-17	SW-29 (4')	107	103
880-17548-18	SW-30 (4')	91	108
880-17548-19	SW-31 (4')	99	95
880-17548-20	SW-32 (4')	98	95
880-17548-21	SW-33 (4')	97	105
880-17548-21 MS	SW-33 (4')	85	111
880-17548-21 MSD	SW-33 (4')	99	113
880-17548-22	SW-34 (4')	90	121
880-17548-23	SW-35 (4')	87	122
880-17548-24	SW-36 (4')	94	113
880-17548-25	SW-37 (4')	93	119
880-17548-26	SW-38 (1.5')	92	121
880-17548-27	SW-39 (2.5')	91	119
LCS 880-31188/1-A	Lab Control Sample	105	96
LCS 880-31189/1-A	Lab Control Sample	80	113
LCS 880-31192/1-A	Lab Control Sample	81	110
LCSD 880-31188/2-A	Lab Control Sample Dup	108	97
LCSD 880-31189/2-A	Lab Control Sample Dup	79	98
LCSD 880-31192/2-A	Lab Control Sample Dup	92	100
MB 880-31029/5-A	Method Blank	95	101
MB 880-31188/5-A	Method Blank	94	97
MB 880-31189/5-A	Method Blank	86	107
MB 880-31192/5-A	Method Blank	86	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-17548-1

Project/Site: McCloy Pond

SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-17548-1	CS-18 (4')	107	131 S1+
880-17548-1 MS	CS-18 (4')	94	94
880-17548-1 MSD	CS-18 (4')	79	93
880-17548-2	CS-19 (4')	104	120
880-17548-3	CS-20 (4')	87	100
880-17548-4	CS-21 (4')	110	123
880-17548-5	SW-17 (4')	86	100
880-17548-6	SW-18 (4')	95	114
880-17548-7	SW-19 (4')	90	107
880-17548-8	SW-20 (4')	92	110
880-17548-9	SW-21 (4')	89	106
880-17548-10	SW-22 (4')	96	115
880-17548-11	SW-23 (4')	89	108
880-17548-12	SW-24 (4')	99	115
880-17548-13	SW-25 (4')	85	101
880-17548-14	SW-26 (4')	87	105
880-17548-15	SW-27 (4')	82	100
880-17548-16	SW-28 (4')	94	112
880-17548-17	SW-29 (4')	97	114
880-17548-18	SW-30 (4')	93	113
880-17548-19	SW-31 (4')	81	99
880-17548-20	SW-32 (4')	82	100
880-17548-21	SW-33 (4')	57 S1-	60 S1-
880-17548-21 MS	SW-33 (4')	73	69 S1-
880-17548-21 MSD	SW-33 (4')	83	80
880-17548-22	SW-34 (4')	79	86
880-17548-23	SW-35 (4')	65 S1-	66 S1-
880-17548-24	SW-36 (4')	51 S1-	53 S1-
880-17548-25	SW-37 (4')	84	97
880-17548-26	SW-38 (1.5')	74	82
880-17548-27	SW-39 (2.5')	66 S1-	73
LCS 880-31218/2-A	Lab Control Sample	86	90
LCS 880-31225/2-A	Lab Control Sample	123	134 S1+
LCSD 880-31218/3-A	Lab Control Sample Dup	83	87
LCSD 880-31225/3-A	Lab Control Sample Dup	124	135 S1+
MB 880-31218/1-A	Method Blank	94	114
MB 880-31225/1-A	Method Blank	102	128

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-31029/5-A

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 15:35	08/01/22 14:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/29/22 15:35	08/01/22 14:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 15:35	08/01/22 14:22	1

Lab Sample ID: MB 880-31188/5-A

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31188

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 01:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 01:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 01:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 12:03	08/02/22 01:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:03	08/02/22 01:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 12:03	08/02/22 01:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/01/22 12:03	08/02/22 01:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/01/22 12:03	08/02/22 01:59	1

Lab Sample ID: LCS 880-31188/1-A

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07124		mg/Kg		71	70 - 130
Toluene	0.100	0.08925		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08044		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1645		mg/Kg		82	70 - 130
o-Xylene	0.100	0.09894		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-31188/2-A

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31188

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07973		mg/Kg		80	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-31188/2-A

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31188

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09873		mg/Kg		99	70 - 130	10	35
Ethylbenzene	0.100	0.08823		mg/Kg		88	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1806		mg/Kg		90	70 - 130	9	35
o-Xylene	0.100	0.1069		mg/Kg		107	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-17548-1 MS

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: CS-18 (4')

Prep Type: Total/NA

Prep Batch: 31188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.100	0.07730		mg/Kg		77	70 - 130
Toluene	<0.00201	U F2 F1	0.100	0.09482		mg/Kg		95	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.100	0.08333		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.1703		mg/Kg		85	70 - 130
o-Xylene	<0.00201	U F2 F1	0.100	0.09950		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-17548-1 MSD

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: CS-18 (4')

Prep Type: Total/NA

Prep Batch: 31188

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	0.0998	0.04149	F2 F1	mg/Kg		42	70 - 130	60	35
Toluene	<0.00201	U F2 F1	0.0998	0.05207	F2 F1	mg/Kg		52	70 - 130	58	35
Ethylbenzene	<0.00201	U F2 F1	0.0998	0.04817	F2 F1	mg/Kg		48	70 - 130	53	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.09271	F2 F1	mg/Kg		46	70 - 130	59	35
o-Xylene	<0.00201	U F2 F1	0.0998	0.05639	F2 F1	mg/Kg		57	70 - 130	55	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31189

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

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31189

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

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

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31189

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

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

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31189

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

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

Lab Sample ID: 880-17548-21 MS

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: SW-33 (4')

Prep Type: Total/NA

Prep Batch: 31189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1148		mg/Kg		113	70 - 130
Toluene	<0.00201	U	0.101	0.09931		mg/Kg		99	70 - 130
Ethylbenzene	<0.00201	U	0.101	0.09553		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1851		mg/Kg		92	70 - 130
o-Xylene	<0.00201	U	0.101	0.08960		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17548-21 MS

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: SW-33 (4')

Prep Type: Total/NA

Prep Batch: 31189

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

Lab Sample ID: 880-17548-21 MSD

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: SW-33 (4')

Prep Type: Total/NA

Prep Batch: 31189

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

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

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 13:09	08/02/22 23:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 13:09	08/02/22 23:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	08/01/22 13:09	08/02/22 23:27	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/01/22 13:09	08/02/22 23:27	1

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08745		mg/Kg		87	70 - 130
Toluene	0.100	0.08896		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09017		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08822		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31192

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

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

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31192

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-17508-A-12-C MS

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31192

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

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

Lab Sample ID: 880-17508-A-12-D MSD

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.07701		mg/Kg		77	70 - 130	31	35
Toluene	<0.00200	U	0.0998	0.07070		mg/Kg		71	70 - 130	21	35
Ethylbenzene	<0.00200	U	0.0998	0.06979		mg/Kg		70	70 - 130	17	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1370	F1	mg/Kg		69	70 - 130	14	35
o-Xylene	<0.00200	U	0.0998	0.06939		mg/Kg		70	70 - 130	12	35

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-31218/1-A

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 20:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 20:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:06	08/01/22 20:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/01/22 16:06	08/01/22 20:16	1
o-Terphenyl	114		70 - 130	08/01/22 16:06	08/01/22 20:16	1

Lab Sample ID: LCS 880-31218/2-A

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	919.2		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	949.5		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-31218/3-A

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31218

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	989.3		mg/Kg		99	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	950.7		mg/Kg		95	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-17548-21 MS

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: SW-33 (4')

Prep Type: Total/NA

Prep Batch: 31218

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	880.1		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	743.1		mg/Kg		73	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17548-21 MS

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: SW-33 (4')

Prep Type: Total/NA

Prep Batch: 31218

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	69	S1-	70 - 130

Lab Sample ID: 880-17548-21 MSD

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: SW-33 (4')

Prep Type: Total/NA

Prep Batch: 31218

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	896.7		mg/Kg		87	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	849.3		mg/Kg		83	70 - 130	13	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: MB 880-31225/1-A

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 20:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 20:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 16:37	08/01/22 20:16	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	102		70 - 130	08/01/22 16:37	08/01/22 20:16	1
o-Terphenyl	128		70 - 130	08/01/22 16:37	08/01/22 20:16	1

Lab Sample ID: LCS 880-31225/2-A

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	863.1		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	973.0		mg/Kg		97	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	134	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-31225/3-A

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	947.5		mg/Kg		95	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	985.6		mg/Kg		99	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	124		70 - 130						
o-Terphenyl	135	S1+	70 - 130						

Lab Sample ID: 880-17548-1 MS

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: CS-18 (4')

Prep Type: Total/NA

Prep Batch: 31225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1072		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	827.7		mg/Kg		83	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	94		70 - 130								

Lab Sample ID: 880-17548-1 MSD

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: CS-18 (4')

Prep Type: Total/NA

Prep Batch: 31225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	902.8		mg/Kg		88	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	836.6		mg/Kg		84	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-31186/1-A

Matrix: Solid

Analysis Batch: 31226

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/01/22 12:30	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-31186/2-A

Matrix: Solid

Analysis Batch: 31226

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.3		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-31186/3-A

Matrix: Solid

Analysis Batch: 31226

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	256.8		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-17543-A-7-B MS

Matrix: Solid

Analysis Batch: 31226

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.9		248	247.0		mg/Kg		95	90 - 110

Lab Sample ID: 880-17543-A-7-C MSD

Matrix: Solid

Analysis Batch: 31226

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.9		248	246.7		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-31194/1-A

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/01/22 20:19	1

Lab Sample ID: LCS 880-31194/2-A

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.1		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-31194/3-A

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.0		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-17548-1 MS

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: CS-18 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	610	F1	252	829.7	F1	mg/Kg		87	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17548-1 MSD

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: CS-18 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	610	F1	252	829.6	F1	mg/Kg		87	90 - 110	0	20

Lab Sample ID: 880-17548-11 MS

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: SW-23 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	84.2	F1	249	302.6	F1	mg/Kg		88	90 - 110		

Lab Sample ID: 880-17548-11 MSD

Matrix: Solid

Analysis Batch: 31233

Client Sample ID: SW-23 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	84.2	F1	249	302.9	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: MB 880-31208/1-A

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/02/22 01:42	1

Lab Sample ID: LCS 880-31208/2-A

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	252.3		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-31208/3-A

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-17548-21 MS

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: SW-33 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	165	F1	250	373.1	F1	mg/Kg		83	90 - 110		

Lab Sample ID: 880-17548-21 MSD

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: SW-33 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	165	F1	250	389.2		mg/Kg		90	90 - 110	4	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17569-A-5-C MS

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3910	F1	1260	5000	F1	mg/Kg		87	90 - 110

Lab Sample ID: 880-17569-A-5-D MSD

Matrix: Solid

Analysis Batch: 31234

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3910	F1	1260	4993	F1	mg/Kg		86	90 - 110	0	20

Lab Sample ID: MB 880-31329/1-A

Matrix: Solid

Analysis Batch: 31416

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/03/22 12:34	1

Lab Sample ID: LCS 880-31329/2-A

Matrix: Solid

Analysis Batch: 31416

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-31329/3-A

Matrix: Solid

Analysis Batch: 31416

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	238.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-17607-A-1-E MS

Matrix: Solid

Analysis Batch: 31416

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23.3		248	268.4		mg/Kg		99	90 - 110

Lab Sample ID: 880-17607-A-1-F MSD

Matrix: Solid

Analysis Batch: 31416

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23.3		248	268.4		mg/Kg		99	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 31029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31029/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 31185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Total/NA	Solid	8021B	31188
880-17548-2	CS-19 (4')	Total/NA	Solid	8021B	31188
880-17548-3	CS-20 (4')	Total/NA	Solid	8021B	31188
880-17548-4	CS-21 (4')	Total/NA	Solid	8021B	31188
880-17548-5	SW-17 (4')	Total/NA	Solid	8021B	31188
880-17548-6	SW-18 (4')	Total/NA	Solid	8021B	31188
880-17548-7	SW-19 (4')	Total/NA	Solid	8021B	31188
880-17548-8	SW-20 (4')	Total/NA	Solid	8021B	31188
880-17548-9	SW-21 (4')	Total/NA	Solid	8021B	31188
880-17548-10	SW-22 (4')	Total/NA	Solid	8021B	31188
880-17548-11	SW-23 (4')	Total/NA	Solid	8021B	31188
880-17548-12	SW-24 (4')	Total/NA	Solid	8021B	31188
880-17548-13	SW-25 (4')	Total/NA	Solid	8021B	31188
880-17548-14	SW-26 (4')	Total/NA	Solid	8021B	31188
880-17548-15	SW-27 (4')	Total/NA	Solid	8021B	31188
880-17548-16	SW-28 (4')	Total/NA	Solid	8021B	31188
880-17548-17	SW-29 (4')	Total/NA	Solid	8021B	31188
880-17548-18	SW-30 (4')	Total/NA	Solid	8021B	31188
880-17548-19	SW-31 (4')	Total/NA	Solid	8021B	31188
880-17548-20	SW-32 (4')	Total/NA	Solid	8021B	31188
MB 880-31029/5-A	Method Blank	Total/NA	Solid	8021B	31029
MB 880-31188/5-A	Method Blank	Total/NA	Solid	8021B	31188
LCS 880-31188/1-A	Lab Control Sample	Total/NA	Solid	8021B	31188
LCSD 880-31188/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31188
880-17548-1 MS	CS-18 (4')	Total/NA	Solid	8021B	31188
880-17548-1 MSD	CS-18 (4')	Total/NA	Solid	8021B	31188

Prep Batch: 31188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Total/NA	Solid	5035	
880-17548-2	CS-19 (4')	Total/NA	Solid	5035	
880-17548-3	CS-20 (4')	Total/NA	Solid	5035	
880-17548-4	CS-21 (4')	Total/NA	Solid	5035	
880-17548-5	SW-17 (4')	Total/NA	Solid	5035	
880-17548-6	SW-18 (4')	Total/NA	Solid	5035	
880-17548-7	SW-19 (4')	Total/NA	Solid	5035	
880-17548-8	SW-20 (4')	Total/NA	Solid	5035	
880-17548-9	SW-21 (4')	Total/NA	Solid	5035	
880-17548-10	SW-22 (4')	Total/NA	Solid	5035	
880-17548-11	SW-23 (4')	Total/NA	Solid	5035	
880-17548-12	SW-24 (4')	Total/NA	Solid	5035	
880-17548-13	SW-25 (4')	Total/NA	Solid	5035	
880-17548-14	SW-26 (4')	Total/NA	Solid	5035	
880-17548-15	SW-27 (4')	Total/NA	Solid	5035	
880-17548-16	SW-28 (4')	Total/NA	Solid	5035	
880-17548-17	SW-29 (4')	Total/NA	Solid	5035	
880-17548-18	SW-30 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 31188 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-19	SW-31 (4')	Total/NA	Solid	5035	
880-17548-20	SW-32 (4')	Total/NA	Solid	5035	
MB 880-31188/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31188/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31188/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17548-1 MS	CS-18 (4')	Total/NA	Solid	5035	
880-17548-1 MSD	CS-18 (4')	Total/NA	Solid	5035	

Prep Batch: 31189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-21	SW-33 (4')	Total/NA	Solid	5035	
880-17548-22	SW-34 (4')	Total/NA	Solid	5035	
880-17548-23	SW-35 (4')	Total/NA	Solid	5035	
880-17548-24	SW-36 (4')	Total/NA	Solid	5035	
880-17548-25	SW-37 (4')	Total/NA	Solid	5035	
880-17548-26	SW-38 (1.5')	Total/NA	Solid	5035	
880-17548-27	SW-39 (2.5')	Total/NA	Solid	5035	
MB 880-31189/5-A	Method Blank Lab	Total/NA	Solid	5035	
LCS 880-31189/1-A	Control Sample	Total/NA	Solid	5035	
LCSD 880-31189/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17548-21 MS	SW-33 (4')	Total/NA	Solid	5035	
880-17548-21 MSD	SW-33 (4')	Total/NA	Solid	5035	

Prep Batch: 31192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17508-A-12-C MS	Matrix Spike	Total/NA	Solid	5035	
880-17508-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-21	SW-33 (4')	Total/NA	Solid	8021B	31189
880-17548-22	SW-34 (4')	Total/NA	Solid	8021B	31189
880-17548-23	SW-35 (4')	Total/NA	Solid	8021B	31189
880-17548-24	SW-36 (4')	Total/NA	Solid	8021B	31189
880-17548-25	SW-37 (4')	Total/NA	Solid	8021B	31189
880-17548-26	SW-38 (1.5')	Total/NA	Solid	8021B	31189
880-17548-27	SW-39 (2.5')	Total/NA	Solid	8021B	31189
MB 880-31189/5-A	Method Blank	Total/NA	Solid	8021B	31189
MB 880-31192/5-A	Method Blank	Total/NA	Solid	8021B	31192
LCS 880-31189/1-A	Lab Control Sample	Total/NA	Solid	8021B	31189
LCS 880-31192/1-A	Lab Control Sample	Total/NA	Solid	8021B	31192
LCSD 880-31189/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31189
LCSD 880-31192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31192
880-17508-A-12-C MS	Matrix Spike	Total/NA	Solid	8021B	31192
880-17508-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31192
880-17548-21 MS	SW-33 (4')	Total/NA	Solid	8021B	31189
880-17548-21 MSD	SW-33 (4')	Total/NA	Solid	8021B	31189

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 31325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Total/NA	Solid	Total BTEX	
880-17548-2	CS-19 (4')	Total/NA	Solid	Total BTEX	
880-17548-3	CS-20 (4')	Total/NA	Solid	Total BTEX	
880-17548-4	CS-21 (4')	Total/NA	Solid	Total BTEX	
880-17548-5	SW-17 (4')	Total/NA	Solid	Total BTEX	
880-17548-6	SW-18 (4')	Total/NA	Solid	Total BTEX	
880-17548-7	SW-19 (4')	Total/NA	Solid	Total BTEX	
880-17548-8	SW-20 (4')	Total/NA	Solid	Total BTEX	
880-17548-9	SW-21 (4')	Total/NA	Solid	Total BTEX	
880-17548-10	SW-22 (4')	Total/NA	Solid	Total BTEX	
880-17548-11	SW-23 (4')	Total/NA	Solid	Total BTEX	
880-17548-12	SW-24 (4')	Total/NA	Solid	Total BTEX	
880-17548-13	SW-25 (4')	Total/NA	Solid	Total BTEX	
880-17548-14	SW-26 (4')	Total/NA	Solid	Total BTEX	
880-17548-15	SW-27 (4')	Total/NA	Solid	Total BTEX	
880-17548-16	SW-28 (4')	Total/NA	Solid	Total BTEX	
880-17548-17	SW-29 (4')	Total/NA	Solid	Total BTEX	
880-17548-18	SW-30 (4')	Total/NA	Solid	Total BTEX	
880-17548-19	SW-31 (4')	Total/NA	Solid	Total BTEX	
880-17548-20	SW-32 (4')	Total/NA	Solid	Total BTEX	
880-17548-21	SW-33 (4')	Total/NA	Solid	Total BTEX	
880-17548-22	SW-34 (4')	Total/NA	Solid	Total BTEX	
880-17548-23	SW-35 (4')	Total/NA	Solid	Total BTEX	
880-17548-24	SW-36 (4')	Total/NA	Solid	Total BTEX	
880-17548-25	SW-37 (4')	Total/NA	Solid	Total BTEX	
880-17548-26	SW-38 (1.5')	Total/NA	Solid	Total BTEX	
880-17548-27	SW-39 (2.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 31144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Total/NA	Solid	8015B NM	31225
880-17548-2	CS-19 (4')	Total/NA	Solid	8015B NM	31225
880-17548-3	CS-20 (4')	Total/NA	Solid	8015B NM	31225
880-17548-4	CS-21 (4')	Total/NA	Solid	8015B NM	31225
880-17548-5	SW-17 (4')	Total/NA	Solid	8015B NM	31225
880-17548-6	SW-18 (4')	Total/NA	Solid	8015B NM	31225
880-17548-7	SW-19 (4')	Total/NA	Solid	8015B NM	31225
880-17548-8	SW-20 (4')	Total/NA	Solid	8015B NM	31225
880-17548-9	SW-21 (4')	Total/NA	Solid	8015B NM	31225
880-17548-10	SW-22 (4')	Total/NA	Solid	8015B NM	31225
880-17548-11	SW-23 (4')	Total/NA	Solid	8015B NM	31225
880-17548-12	SW-24 (4')	Total/NA	Solid	8015B NM	31225
880-17548-13	SW-25 (4')	Total/NA	Solid	8015B NM	31225
880-17548-14	SW-26 (4')	Total/NA	Solid	8015B NM	31225
880-17548-15	SW-27 (4')	Total/NA	Solid	8015B NM	31225
880-17548-16	SW-28 (4')	Total/NA	Solid	8015B NM	31225
880-17548-17	SW-29 (4')	Total/NA	Solid	8015B NM	31225
880-17548-18	SW-30 (4')	Total/NA	Solid	8015B NM	31225
880-17548-19	SW-31 (4')	Total/NA	Solid	8015B NM	31225

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 31144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-20	SW-32 (4')	Total/NA	Solid	8015B NM	31225
MB 880-31225/1-A	Method Blank	Total/NA	Solid	8015B NM	31225
LCS 880-31225/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31225
LCSD 880-31225/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31225
880-17548-1 MS	CS-18 (4')	Total/NA	Solid	8015B NM	31225
880-17548-1 MSD	CS-18 (4')	Total/NA	Solid	8015B NM	31225

Analysis Batch: 31146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-21	SW-33 (4')	Total/NA	Solid	8015B NM	31218
880-17548-22	SW-34 (4')	Total/NA	Solid	8015B NM	31218
880-17548-23	SW-35 (4')	Total/NA	Solid	8015B NM	31218
880-17548-24	SW-36 (4')	Total/NA	Solid	8015B NM	31218
880-17548-25	SW-37 (4')	Total/NA	Solid	8015B NM	31218
880-17548-26	SW-38 (1.5')	Total/NA	Solid	8015B NM	31218
880-17548-27	SW-39 (2.5')	Total/NA	Solid	8015B NM	31218
MB 880-31218/1-A	Method Blank Lab	Total/NA	Solid	8015B NM	31218
LCS 880-31218/2-A	Control Sample	Total/NA	Solid	8015B NM	31218
LCSD 880-31218/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31218
880-17548-21 MS	SW-33 (4')	Total/NA	Solid	8015B NM	31218
880-17548-21 MSD	SW-33 (4')	Total/NA	Solid	8015B NM	31218

Prep Batch: 31218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-21	SW-33 (4')	Total/NA	Solid	8015NM Prep	
880-17548-22	SW-34 (4')	Total/NA	Solid	8015NM Prep	
880-17548-23	SW-35 (4')	Total/NA	Solid	8015NM Prep	
880-17548-24	SW-36 (4')	Total/NA	Solid	8015NM Prep	
880-17548-25	SW-37 (4')	Total/NA	Solid	8015NM Prep	
880-17548-26	SW-38 (1.5')	Total/NA	Solid	8015NM Prep	
880-17548-27	SW-39 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-31218/1-A	Method Blank Lab	Total/NA	Solid	8015NM Prep	
LCS 880-31218/2-A	Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31218/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17548-21 MS	SW-33 (4')	Total/NA	Solid	8015NM Prep	
880-17548-21 MSD	SW-33 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 31225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Total/NA	Solid	8015NM Prep	
880-17548-2	CS-19 (4')	Total/NA	Solid	8015NM Prep	
880-17548-3	CS-20 (4')	Total/NA	Solid	8015NM Prep	
880-17548-4	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-17548-5	SW-17 (4')	Total/NA	Solid	8015NM Prep	
880-17548-6	SW-18 (4')	Total/NA	Solid	8015NM Prep	
880-17548-7	SW-19 (4')	Total/NA	Solid	8015NM Prep	
880-17548-8	SW-20 (4')	Total/NA	Solid	8015NM Prep	
880-17548-9	SW-21 (4')	Total/NA	Solid	8015NM Prep	
880-17548-10	SW-22 (4')	Total/NA	Solid	8015NM Prep	
880-17548-11	SW-23 (4')	Total/NA	Solid	8015NM Prep	
880-17548-12	SW-24 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 31225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-13	SW-25 (4')	Total/NA	Solid	8015NM Prep	
880-17548-14	SW-26 (4')	Total/NA	Solid	8015NM Prep	
880-17548-15	SW-27 (4')	Total/NA	Solid	8015NM Prep	
880-17548-16	SW-28 (4')	Total/NA	Solid	8015NM Prep	
880-17548-17	SW-29 (4')	Total/NA	Solid	8015NM Prep	
880-17548-18	SW-30 (4')	Total/NA	Solid	8015NM Prep	
880-17548-19	SW-31 (4')	Total/NA	Solid	8015NM Prep	
880-17548-20	SW-32 (4')	Total/NA	Solid	8015NM Prep	
MB 880-31225/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31225/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31225/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17548-1 MS	CS-18 (4')	Total/NA	Solid	8015NM Prep	
880-17548-1 MSD	CS-18 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Total/NA	Solid	8015 NM	
880-17548-2	CS-19 (4')	Total/NA	Solid	8015 NM	
880-17548-3	CS-20 (4')	Total/NA	Solid	8015 NM	
880-17548-4	CS-21 (4')	Total/NA	Solid	8015 NM	
880-17548-5	SW-17 (4')	Total/NA	Solid	8015 NM	
880-17548-6	SW-18 (4')	Total/NA	Solid	8015 NM	
880-17548-7	SW-19 (4')	Total/NA	Solid	8015 NM	
880-17548-8	SW-20 (4')	Total/NA	Solid	8015 NM	
880-17548-9	SW-21 (4')	Total/NA	Solid	8015 NM	
880-17548-10	SW-22 (4')	Total/NA	Solid	8015 NM	
880-17548-11	SW-23 (4')	Total/NA	Solid	8015 NM	
880-17548-12	SW-24 (4')	Total/NA	Solid	8015 NM	
880-17548-13	SW-25 (4')	Total/NA	Solid	8015 NM	
880-17548-14	SW-26 (4')	Total/NA	Solid	8015 NM	
880-17548-15	SW-27 (4')	Total/NA	Solid	8015 NM	
880-17548-16	SW-28 (4')	Total/NA	Solid	8015 NM	
880-17548-17	SW-29 (4')	Total/NA	Solid	8015 NM	
880-17548-18	SW-30 (4')	Total/NA	Solid	8015 NM	
880-17548-19	SW-31 (4')	Total/NA	Solid	8015 NM	
880-17548-20	SW-32 (4')	Total/NA	Solid	8015 NM	
880-17548-21	SW-33 (4')	Total/NA	Solid	8015 NM	
880-17548-22	SW-34 (4')	Total/NA	Solid	8015 NM	
880-17548-23	SW-35 (4')	Total/NA	Solid	8015 NM	
880-17548-24	SW-36 (4')	Total/NA	Solid	8015 NM	
880-17548-25	SW-37 (4')	Total/NA	Solid	8015 NM	
880-17548-26	SW-38 (1.5')	Total/NA	Solid	8015 NM	
880-17548-27	SW-39 (2.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 31186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-27	SW-39 (2.5')	Soluble	Solid	DI Leach	
MB 880-31186/1-A	Method Blank Lab	Soluble	Solid	DI Leach	
LCS 880-31186/2-A	Control Sample	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 31186 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-31186/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17543-A-7-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17543-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 31194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-2	CS-19 (4')	Soluble	Solid	DI Leach	
880-17548-3	CS-20 (4')	Soluble	Solid	DI Leach	
880-17548-4	CS-21 (4')	Soluble	Solid	DI Leach	
880-17548-5	SW-17 (4')	Soluble	Solid	DI Leach	
880-17548-6	SW-18 (4')	Soluble	Solid	DI Leach	
880-17548-7	SW-19 (4')	Soluble	Solid	DI Leach	
880-17548-8	SW-20 (4')	Soluble	Solid	DI Leach	
880-17548-9	SW-21 (4')	Soluble	Solid	DI Leach	
880-17548-10	SW-22 (4')	Soluble	Solid	DI Leach	
880-17548-11	SW-23 (4')	Soluble	Solid	DI Leach	
880-17548-12	SW-24 (4')	Soluble	Solid	DI Leach	
880-17548-13	SW-25 (4')	Soluble	Solid	DI Leach	
880-17548-14	SW-26 (4')	Soluble	Solid	DI Leach	
880-17548-15	SW-27 (4')	Soluble	Solid	DI Leach	
880-17548-16	SW-28 (4')	Soluble	Solid	DI Leach	
880-17548-17	SW-29 (4')	Soluble	Solid	DI Leach	
880-17548-18	SW-30 (4')	Soluble	Solid	DI Leach	
880-17548-19	SW-31 (4')	Soluble	Solid	DI Leach	
880-17548-20	SW-32 (4')	Soluble	Solid	DI Leach	
MB 880-31194/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31194/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31194/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17548-1 MS	CS-18 (4')	Soluble	Solid	DI Leach	
880-17548-1 MSD	CS-18 (4')	Soluble	Solid	DI Leach	
880-17548-11 MS	SW-23 (4')	Soluble	Solid	DI Leach	
880-17548-11 MSD	SW-23 (4')	Soluble	Solid	DI Leach	

Leach Batch: 31208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-21	SW-33 (4')	Soluble	Solid	DI Leach	
880-17548-22	SW-34 (4')	Soluble	Solid	DI Leach	
880-17548-23	SW-35 (4')	Soluble	Solid	DI Leach	
880-17548-24	SW-36 (4')	Soluble	Solid	DI Leach	
880-17548-25	SW-37 (4')	Soluble	Solid	DI Leach	
880-17548-26	SW-38 (1.5')	Soluble	Solid	DI Leach	
MB 880-31208/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31208/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31208/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17548-21 MS	SW-33 (4')	Soluble	Solid	DI Leach	
880-17548-21 MSD	SW-33 (4')	Soluble	Solid	DI Leach	
880-17569-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17569-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 31226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-27	SW-39 (2.5')	Soluble	Solid	300.0	31186
MB 880-31186/1-A	Method Blank Lab	Soluble	Solid	300.0	31186
LCS 880-31186/2-A	Control Sample	Soluble	Solid	300.0	31186
LCSD 880-31186/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31186
880-17543-A-7-B MS	Matrix Spike	Soluble	Solid	300.0	31186
880-17543-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31186

Analysis Batch: 31233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-2	CS-19 (4')	Soluble	Solid	300.0	31194
880-17548-3	CS-20 (4')	Soluble	Solid	300.0	31194
880-17548-4	CS-21 (4')	Soluble	Solid	300.0	31194
880-17548-5	SW-17 (4')	Soluble	Solid	300.0	31194
880-17548-6	SW-18 (4')	Soluble	Solid	300.0	31194
880-17548-7	SW-19 (4')	Soluble	Solid	300.0	31194
880-17548-8	SW-20 (4')	Soluble	Solid	300.0	31194
880-17548-9	SW-21 (4')	Soluble	Solid	300.0	31194
880-17548-10	SW-22 (4')	Soluble	Solid	300.0	31194
880-17548-11	SW-23 (4')	Soluble	Solid	300.0	31194
880-17548-12	SW-24 (4')	Soluble	Solid	300.0	31194
880-17548-13	SW-25 (4')	Soluble	Solid	300.0	31194
880-17548-14	SW-26 (4')	Soluble	Solid	300.0	31194
880-17548-15	SW-27 (4')	Soluble	Solid	300.0	31194
880-17548-16	SW-28 (4')	Soluble	Solid	300.0	31194
880-17548-17	SW-29 (4')	Soluble	Solid	300.0	31194
880-17548-18	SW-30 (4')	Soluble	Solid	300.0	31194
880-17548-19	SW-31 (4')	Soluble	Solid	300.0	31194
880-17548-20	SW-32 (4')	Soluble	Solid	300.0	31194
MB 880-31194/1-A	Method Blank	Soluble	Solid	300.0	31194
LCS 880-31194/2-A	Lab Control Sample	Soluble	Solid	300.0	31194
LCSD 880-31194/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31194
880-17548-1 MS	CS-18 (4')	Soluble	Solid	300.0	31194
880-17548-1 MSD	CS-18 (4')	Soluble	Solid	300.0	31194
880-17548-11 MS	SW-23 (4')	Soluble	Solid	300.0	31194
880-17548-11 MSD	SW-23 (4')	Soluble	Solid	300.0	31194

Analysis Batch: 31234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-21	SW-33 (4')	Soluble	Solid	300.0	31208
880-17548-22	SW-34 (4')	Soluble	Solid	300.0	31208
880-17548-23	SW-35 (4')	Soluble	Solid	300.0	31208
880-17548-24	SW-36 (4')	Soluble	Solid	300.0	31208
880-17548-25	SW-37 (4')	Soluble	Solid	300.0	31208
880-17548-26	SW-38 (1.5')	Soluble	Solid	300.0	31208
MB 880-31208/1-A	Method Blank	Soluble	Solid	300.0	31208
LCS 880-31208/2-A	Lab Control Sample	Soluble	Solid	300.0	31208
LCSD 880-31208/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31208
880-17548-21 MS	SW-33 (4')	Soluble	Solid	300.0	31208
880-17548-21 MSD	SW-33 (4')	Soluble	Solid	300.0	31208
880-17569-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	31208
880-17569-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31208

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

HPLC/IC

Leach Batch: 31329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Soluble	Solid	DI Leach	
MB 880-31329/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31329/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31329/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17607-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17607-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 31416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17548-1	CS-18 (4')	Soluble	Solid	300.0	31329
MB 880-31329/1-A	Method Blank	Soluble	Solid	300.0	31329
LCS 880-31329/2-A	Lab Control Sample	Soluble	Solid	300.0	31329
LCSD 880-31329/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31329
880-17607-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	31329
880-17607-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31329

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-17548-1

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 02:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 21:21	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31329	08/02/22 14:20	KS	XEN MID
Soluble	Analysis	300.0		1			31416	08/03/22 14:34	CH	XEN MID

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-17548-2

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 02:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 22:26	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 21:14	CH	XEN MID

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-17548-3

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 03:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 22:47	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 21:23	CH	XEN MID

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-17548-4

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 03:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-17548-4

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 23:09	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 21:33	CH	XEN MID

Client Sample ID: SW-17 (4')

Lab Sample ID: 880-17548-5

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 03:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 23:31	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 21:42	CH	XEN MID

Client Sample ID: SW-18 (4')

Lab Sample ID: 880-17548-6

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 04:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 23:52	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 22:10	CH	XEN MID

Client Sample ID: SW-19 (4')

Lab Sample ID: 880-17548-7

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 04:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 00:13	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-19 (4')

Lab Sample ID: 880-17548-7

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 22:19	CH	XEN MID

Client Sample ID: SW-20 (4')

Lab Sample ID: 880-17548-8

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 04:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 00:35	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 22:28	CH	XEN MID

Client Sample ID: SW-21 (4')

Lab Sample ID: 880-17548-9

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 05:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 00:56	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 22:37	CH	XEN MID

Client Sample ID: SW-22 (4')

Lab Sample ID: 880-17548-10

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 05:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 01:17	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 22:46	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-23 (4')

Lab Sample ID: 880-17548-11

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 07:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 01:59	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 22:56	CH	XEN MID

Client Sample ID: SW-24 (4')

Lab Sample ID: 880-17548-12

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 07:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 02:20	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 23:23	CH	XEN MID

Client Sample ID: SW-25 (4')

Lab Sample ID: 880-17548-13

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 08:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 02:41	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/01/22 23:32	CH	XEN MID

Client Sample ID: SW-26 (4')

Lab Sample ID: 880-17548-14

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 08:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-26 (4')

Lab Sample ID: 880-17548-14

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 03:02	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:00	CH	XEN MID

Client Sample ID: SW-27 (4')

Lab Sample ID: 880-17548-15

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 09:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 03:24	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:09	CH	XEN MID

Client Sample ID: SW-28 (4')

Lab Sample ID: 880-17548-16

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 09:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 03:45	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:19	CH	XEN MID

Client Sample ID: SW-29 (4')

Lab Sample ID: 880-17548-17

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 04:06	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-29 (4')

Lab Sample ID: 880-17548-17

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:28	CH	XEN MID

Client Sample ID: SW-30 (4')

Lab Sample ID: 880-17548-18

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 10:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 04:27	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:37	CH	XEN MID

Client Sample ID: SW-31 (4')

Lab Sample ID: 880-17548-19

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 10:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 04:48	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:46	CH	XEN MID

Client Sample ID: SW-32 (4')

Lab Sample ID: 880-17548-20

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep 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	31188	08/01/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/02/22 10:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31225	08/01/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/02/22 05:09	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31194	08/01/22 13:28	SMC	XEN MID
Soluble	Analysis	300.0		1			31233	08/02/22 00:56	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-33 (4')

Lab Sample ID: 880-17548-21

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 11:51	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 21:21	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31208	08/01/22 15:15	SMC	XEN MID
Soluble	Analysis	300.0		1			31234	08/02/22 02:09	CH	XEN MID

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-17548-22

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 12:12	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 22:26	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31208	08/01/22 15:15	SMC	XEN MID
Soluble	Analysis	300.0		1			31234	08/02/22 02:37	CH	XEN MID

Client Sample ID: SW-35 (4')

Lab Sample ID: 880-17548-23

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 12:33	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 22:47	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31208	08/01/22 15:15	SMC	XEN MID
Soluble	Analysis	300.0		1			31234	08/02/22 02:46	CH	XEN MID

Client Sample ID: SW-36 (4')

Lab Sample ID: 880-17548-24

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 12:53	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-36 (4')

Lab Sample ID: 880-17548-24

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 23:09	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	31208	08/01/22 15:15	SMC	XEN MID
Soluble	Analysis	300.0		1			31234	08/02/22 02:55	CH	XEN MID

Client Sample ID: SW-37 (4')

Lab Sample ID: 880-17548-25

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

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	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 13:14	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 23:31	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31208	08/01/22 15:15	SMC	XEN MID
Soluble	Analysis	300.0		1			31234	08/02/22 03:05	CH	XEN MID

Client Sample ID: SW-38 (1.5')

Lab Sample ID: 880-17548-26

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 13:35	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 23:52	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31208	08/01/22 15:15	SMC	XEN MID
Soluble	Analysis	300.0		1			31234	08/02/22 03:32	CH	XEN MID

Client Sample ID: SW-39 (2.5')

Lab Sample ID: 880-17548-27

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 08/01/22 11:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31189	08/01/22 12:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 13:56	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31325	08/02/22 13:58	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31262	08/02/22 08:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31218	08/01/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/02/22 00:13	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Client Sample ID: SW-39 (2.5')
Date Collected: 07/29/22 00:00
Date Received: 08/01/22 11:32

Lab Sample ID: 880-17548-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	31186	08/01/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			31226	08/01/22 16:41	SMC	XEN MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17548-1
SDG: Lea 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: McCloy Pond

Job ID: 880-17548-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17548-1	CS-18 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-2	CS-19 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-3	CS-20 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-4	CS-21 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-5	SW-17 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-6	SW-18 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-7	SW-19 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-8	SW-20 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-9	SW-21 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-10	SW-22 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-11	SW-23 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-12	SW-24 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-13	SW-25 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-14	SW-26 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-15	SW-27 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-16	SW-28 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-17	SW-29 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-18	SW-30 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-19	SW-31 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-20	SW-32 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-21	SW-33 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-22	SW-34 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-23	SW-35 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-24	SW-36 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-25	SW-37 (4')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-26	SW-38 (1.5')	Solid	07/29/22 00:00	08/01/22 11:32
880-17548-27	SW-39 (2.5')	Solid	07/29/22 00:00	08/01/22 11:32

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Work Order No: 17548

Page 1 of 3

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGL Water Solutions Permian
Address	310 W Wall St. Ste 415	Address	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver CO 80220
Phone	432.813 6823	Email	joseph.vargo@naglep.com

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

Project Name	McCloy Pond	Turn Around	☐ Routine ☒ Rush	Press. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1008	Due Date	24 Hrs												None NO	DI Water H ₂ O	
Project Location	Lea Co. NM	TAT starts the day received by the lab if received by 4:30pm													Cool Cool	MeOH Me	
Sampler's Name	CCM														HCL. HC	HNO ₃ HN	
PO #															H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank: (Yes) No	Wet Ice (Yes) No	Thermometer ID (Yes) No												H ₃ PO ₄ HP		
Received Intact:	(Yes) No														NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No	N/A	Correction Factor	.20											Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes No	N/A	Temperature Reading	5.2											Zn Acetate+NaOH Zn		
Total Containers	Yes No		Corrected Temperature:	5.4											NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-18 (4)	7/29/2022		X		C	1	X	X	X	X							
CS-19 (4)	7/29/2022		X		C	1	X	X	X	X							
CS-20 (4)	7/29/2022		X		C	1	X	X	X	X							
CS-21 (4)	7/29/2022		X		C	1	X	X	X	X							
SW-17 (4)	7/29/2022		X		C	1	X	X	X	X							
SW-18 (4)	7/29/2022		X		C	1	X	X	X	X							
SW-19 (4)	7/29/2022		X		C	1	X	X	X	X							
SW-20 (4)	7/29/2022		X		C	1	X	X	X	X							
SW-21 (4)	7/29/2022		X		C	1	X	X	X	X							
SW-22 (4)	7/29/2022		X		C	1	X	X	X	X							



880-17548 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Tommy Vargo	8/1/22	Joseph Vargo	11:32

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Work Order No: 17540

Project Manager		Conner Moehring		Bill to (if different)		Joseph Vargo	
Company Name		Camona Resources		Company Name		NGL Water Solutions Permian	
Address		310 W Wall St. Ste 415		Address		865 North Albion St. Ste 400	
City, State ZIP		Midland, TX 79701		City, State ZIP		Denver, CO 80220	
Phone		432.813 6823		Email		joseph.vargo@nnglp.com	

Project Name		McCloy Pond		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes			
Project Number		1008		☐ Routine ☒ Rush																None NO DI Water H ₂ O	
Project Location		Lea Co, NM		Due Date		24 Hrs														Cool Cool MeOH Me	
Sampler's Name		CCM		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	

Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time	
<i>Joseph Vargo</i>		8/1/22		<i>Joseph Vargo</i>		11:32	

Work Order No: 17548

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17548-1

SDG Number: Lea Co, NM

Login Number: 17548**List Number: 1****Creator: Rodriguez, Leticia****List Source: Eurofins Midland**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17595-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: McCloy Pond

For:

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

Attn: Conner Moehring

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

Authorized for release by:

8/3/2022 6:08:49 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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

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

Client: Carmona Resources
Project/Site: McCloy Pond

Laboratory Job ID: 880-17595-1
SDG: Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	17
QC Sample Results	19
QC Association Summary	27
Lab Chronicle	32
Certification Summary	37
Method Summary	38
Sample Summary	39
Chain of Custody	40
Receipt Checklists	42

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Job ID: 880-17595-1
SDG: Lea Co, NM

Job ID: 880-17595-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-17595-1****Receipt**

The samples were received on 8/2/2022 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 5.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31191 and analytical batch 880-31253 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-31323 and analytical batch 880-31375 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-22 (2.5') (880-17595-1), CS-25 (2.5') (880-17595-4), SW-41 (2.5') (880-17595-6), SW-42 (2.5') (880-17595-7), SW-43 (2.5') (880-17595-8), SW-44 (2.5') (880-17595-9), SW-45 (2.5') (880-17595-10), SW-47 (2.5') (880-17595-12), SW-48 (2.5') (880-17595-13), SW-49 (2.5') (880-17595-14), SW-50 (2.5') (880-17595-15), SW-51 (2.5') (880-17595-16), (MB 880-31330/1-A) and (880-17595-A-1-F MS). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-31214 and analytical batch 880-31338 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-31214 and 880-31214 and analytical batch 880-31338 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: CS-22 (2.5')

Lab Sample ID: 880-17595-1

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 13:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 13:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 13:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 13:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 13:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/02/22 09:44	08/02/22 13:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/02/22 09:44	08/02/22 13:15	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/02/22 21:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/02/22 21:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/02/22 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	08/02/22 14:20	08/02/22 21:19	1
o-Terphenyl	79		70 - 130	08/02/22 14:20	08/02/22 21:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		4.99		mg/Kg			08/03/22 01:58	1

Client Sample ID: CS-23 (2.5')

Lab Sample ID: 880-17595-2

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 13:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 13:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 13:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 13:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 13:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/02/22 09:44	08/02/22 13:36	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/02/22 09:44	08/02/22 13:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: CS-23 (2.5')

Lab Sample ID: 880-17595-2

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/02/22 22:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/02/22 22:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/02/22 22:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/02/22 14:20	08/02/22 22:24	1
o-Terphenyl	84		70 - 130				08/02/22 14:20	08/02/22 22:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		5.04		mg/Kg			08/03/22 02:07	1

Client Sample ID: CS-24 (2.5')

Lab Sample ID: 880-17595-3

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 13:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 13:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/02/22 09:44	08/02/22 13:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/02/22 09:44	08/02/22 13:56	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 22:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 22:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: CS-24 (2.5')

Lab Sample ID: 880-17595-3

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 14:20	08/02/22 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/02/22 14:20	08/02/22 22:45	1
o-Terphenyl	90		70 - 130				08/02/22 14:20	08/02/22 22:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	302		4.97		mg/Kg			08/03/22 02:16	1

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-17595-4

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 14:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/02/22 09:44	08/02/22 14:17	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/02/22 09:44	08/02/22 14:17	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/22 14:20	08/02/22 23:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/22 14:20	08/02/22 23:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/22 14:20	08/02/22 23:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				08/02/22 14:20	08/02/22 23:07	1
o-Terphenyl	76		70 - 130				08/02/22 14:20	08/02/22 23:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	454		5.00		mg/Kg			08/03/22 02:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-40 (2.5')

Lab Sample ID: 880-17595-5

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 14:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 14:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 14:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 14:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 14:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/02/22 09:44	08/02/22 14:37	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/02/22 09:44	08/02/22 14:37	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 23:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/02/22 14:20	08/02/22 23:29	1
o-Terphenyl	79		70 - 130	08/02/22 14:20	08/02/22 23:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850		25.0		mg/Kg			08/03/22 02:53	5

Client Sample ID: SW-41 (2.5')

Lab Sample ID: 880-17595-6

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 14:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 14:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 14:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 14:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 14:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/02/22 09:44	08/02/22 14:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/02/22 09:44	08/02/22 14:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-41 (2.5')

Lab Sample ID: 880-17595-6

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 23:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 23:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130				08/02/22 14:20	08/02/22 23:51	1
o-Terphenyl	58	S1-	70 - 130				08/02/22 14:20	08/02/22 23:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.6		4.98		mg/Kg			08/03/22 03:20	1

Client Sample ID: SW-42 (2.5')

Lab Sample ID: 880-17595-7

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 13:15	08/03/22 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 11:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/02/22 13:15	08/03/22 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 11:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/02/22 13:15	08/03/22 11:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/02/22 13:15	08/03/22 11:28	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/02/22 13:15	08/03/22 11:28	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 00:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-42 (2.5')

Lab Sample ID: 880-17595-7

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 14:20	08/03/22 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				08/02/22 14:20	08/03/22 00:13	1
o-Terphenyl	67	S1-	70 - 130				08/02/22 14:20	08/03/22 00:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2010		24.8		mg/Kg			08/03/22 03:30	5

Client Sample ID: SW-43 (2.5')

Lab Sample ID: 880-17595-8

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 17:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 17:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 17:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 17:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 17:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/02/22 09:44	08/02/22 17:22	1
1,4-Difluorobenzene (Surr)	82		70 - 130				08/02/22 09:44	08/02/22 17:22	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 00:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	53	S1-	70 - 130				08/02/22 14:20	08/03/22 00:35	1
o-Terphenyl	58	S1-	70 - 130				08/02/22 14:20	08/03/22 00:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1810		24.8		mg/Kg			08/03/22 03:39	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-44 (2.5')

Lab Sample ID: 880-17595-9

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 17:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/02/22 09:44	08/02/22 17:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/02/22 09:44	08/02/22 17:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/02/22 09:44	08/02/22 17:42	1
o-Xylene	0.0137		0.00202		mg/Kg		08/02/22 09:44	08/02/22 17:42	1
Xylenes, Total	0.0137		0.00404		mg/Kg		08/02/22 09:44	08/02/22 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	08/02/22 09:44	08/02/22 17:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/02/22 09:44	08/02/22 17:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0137		0.00404		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 00:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 00:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				08/02/22 14:20	08/03/22 00:57	1
o-Terphenyl	77		70 - 130				08/02/22 14:20	08/03/22 00:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	772		4.95		mg/Kg			08/03/22 03:48	1

Client Sample ID: SW-45 (2.5')

Lab Sample ID: 880-17595-10

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 18:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 18:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/02/22 09:44	08/02/22 18:03	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/02/22 09:44	08/02/22 18:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-45 (2.5')

Lab Sample ID: 880-17595-10

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 01:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 01:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				08/02/22 14:20	08/03/22 01:18	1
o-Terphenyl	68	S1-	70 - 130				08/02/22 14:20	08/03/22 01:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		25.3		mg/Kg			08/03/22 03:57	5

Client Sample ID: SW-46 (2.5')

Lab Sample ID: 880-17595-11

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 18:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 18:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 18:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 18:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 18:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/02/22 09:44	08/02/22 18:23	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/02/22 09:44	08/02/22 18:23	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 02:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 02:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-46 (2.5')

Lab Sample ID: 880-17595-11

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 14:20	08/03/22 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/02/22 14:20	08/03/22 02:02	1
o-Terphenyl	75		70 - 130				08/02/22 14:20	08/03/22 02:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1930		24.9		mg/Kg			08/03/22 04:06	5

Client Sample ID: SW-47 (2.5')

Lab Sample ID: 880-17595-12

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 18:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 18:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 18:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 18:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 18:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/02/22 09:44	08/02/22 18:44	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/02/22 09:44	08/02/22 18:44	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 02:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 02:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130				08/02/22 14:20	08/03/22 02:23	1
o-Terphenyl	65	S1-	70 - 130				08/02/22 14:20	08/03/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	277		5.00		mg/Kg			08/03/22 04:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-48 (2.5')

Lab Sample ID: 880-17595-13

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 19:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 19:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 19:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 19:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/02/22 09:44	08/02/22 19:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/02/22 09:44	08/02/22 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/02/22 09:44	08/02/22 19:04	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/02/22 09:44	08/02/22 19:04	1

Method: Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 02:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 02:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 02:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	08/02/22 14:20	08/03/22 02:45	1
o-Terphenyl	75		70 - 130	08/02/22 14:20	08/03/22 02:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		24.8		mg/Kg			08/03/22 17:38	5

Client Sample ID: SW-49 (2.5')

Lab Sample ID: 880-17595-14

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 19:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 19:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/02/22 09:44	08/02/22 19:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/02/22 09:44	08/02/22 19:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-49 (2.5')

Lab Sample ID: 880-17595-14

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	37	S1-	70 - 130				08/02/22 14:20	08/03/22 03:07	1
o-Terphenyl	40	S1-	70 - 130				08/02/22 14:20	08/03/22 03:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1630		25.0		mg/Kg			08/03/22 17:46	5

Client Sample ID: SW-50 (2.5')

Lab Sample ID: 880-17595-15

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 19:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 19:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 19:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/02/22 09:44	08/02/22 19:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 19:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/02/22 09:44	08/02/22 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/02/22 09:44	08/02/22 19:45	1
1,4-Difluorobenzene (Surr)	81		70 - 130				08/02/22 09:44	08/02/22 19:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 03:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/22 14:20	08/03/22 03:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-50 (2.5')

Lab Sample ID: 880-17595-15

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 14:20	08/03/22 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130				08/02/22 14:20	08/03/22 03:28	1
o-Terphenyl	62	S1-	70 - 130				08/02/22 14:20	08/03/22 03:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.4		4.98		mg/Kg			08/03/22 17:54	1

Client Sample ID: SW-51 (2.5')

Lab Sample ID: 880-17595-16

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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		08/02/22 09:44	08/02/22 20:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/02/22 09:44	08/02/22 20:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/02/22 09:44	08/02/22 20:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/02/22 09:44	08/02/22 20:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/02/22 09:44	08/02/22 20:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/02/22 09:44	08/02/22 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				08/02/22 09:44	08/02/22 20:06	1
1,4-Difluorobenzene (Surr)	81		70 - 130				08/02/22 09:44	08/02/22 20:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/03/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 03:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 03:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/03/22 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				08/02/22 14:20	08/03/22 03:50	1
o-Terphenyl	73		70 - 130				08/02/22 14:20	08/03/22 03:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.6		5.00		mg/Kg			08/03/22 18:02	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-17507-A-2-E MS	Matrix Spike	106	96				
880-17507-A-2-F MSD	Matrix Spike Duplicate	121	93				
880-17508-A-3-F MS	Matrix Spike	103	98				
880-17508-A-3-G MSD	Matrix Spike Duplicate	107	97				
880-17595-1	CS-22 (2.5')	114	92				
880-17595-2	CS-23 (2.5')	112	87				
880-17595-3	CS-24 (2.5')	112	93				
880-17595-4	CS-25 (2.5')	106	87				
880-17595-5	SW-40 (2.5')	113	87				
880-17595-6	SW-41 (2.5')	106	92				
880-17595-7	SW-42 (2.5')	116	89				
880-17595-8	SW-43 (2.5')	102	82				
880-17595-9	SW-44 (2.5')	128	90				
880-17595-10	SW-45 (2.5')	107	83				
880-17595-11	SW-46 (2.5')	110	91				
880-17595-12	SW-47 (2.5')	116	103				
880-17595-13	SW-48 (2.5')	108	91				
880-17595-14	SW-49 (2.5')	105	90				
880-17595-15	SW-50 (2.5')	95	81				
880-17595-16	SW-51 (2.5')	90	81				
880-17607-A-1-A MS	Matrix Spike	107	102				
880-17607-A-1-B MSD	Matrix Spike Duplicate	103	99				
LCS 880-31191/1-A	Lab Control Sample	111	99				
LCS 880-31290/1-A	Lab Control Sample	98	98				
LCS 880-31323/1-A	Lab Control Sample	102	97				
LCSD 880-31191/2-A	Lab Control Sample Dup	108	101				
LCSD 880-31290/2-A	Lab Control Sample Dup	114	101				
LCSD 880-31323/2-A	Lab Control Sample Dup	103	96				
MB 880-31191/5-A	Method Blank	101	92				
MB 880-31290/5-A	Method Blank	104	88				
MB 880-31323/5-A	Method Blank	106	87				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-17595-1	CS-22 (2.5')	67 S1-	79
880-17595-1 MS	CS-22 (2.5')	68 S1-	71
880-17595-1 MSD	CS-22 (2.5')	84	85
880-17595-2	CS-23 (2.5')	75	84
880-17595-3	CS-24 (2.5')	82	90
880-17595-4	CS-25 (2.5')	66 S1-	76
880-17595-5	SW-40 (2.5')	75	79
880-17595-6	SW-41 (2.5')	58 S1-	58 S1-

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-17595-1

Project/Site: McCloy Pond

SDG: Lea 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)
880-17595-7	SW-42 (2.5')	65 S1-	67 S1-
880-17595-8	SW-43 (2.5')	53 S1-	58 S1-
880-17595-9	SW-44 (2.5')	67 S1-	77
880-17595-10	SW-45 (2.5')	63 S1-	68 S1-
880-17595-11	SW-46 (2.5')	72	75
880-17595-12	SW-47 (2.5')	59 S1-	65 S1-
880-17595-13	SW-48 (2.5')	67 S1-	75
880-17595-14	SW-49 (2.5')	37 S1-	40 S1-
880-17595-15	SW-50 (2.5')	58 S1-	62 S1-
880-17595-16	SW-51 (2.5')	65 S1-	73
LCS 880-31330/2-A	Lab Control Sample	105	108
LCSD 880-31330/3-A	Lab Control Sample Dup	105	106
MB 880-31330/1-A	Method Blank	110	131 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31191

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

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09689		mg/Kg		97	70 - 130
Toluene	0.100	0.09493		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2071		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1133		mg/Kg		113	70 - 130

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31191

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

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.07249		mg/Kg		71	70 - 130
Toluene	0.00324	F1	0.101	0.06985	F1	mg/Kg		66	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31191

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

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31191

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

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/22 09:44	08/02/22 12:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/02/22 09:44	08/02/22 12:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/02/22 09:44	08/02/22 12:12	1

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1124		mg/Kg		112	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2174		mg/Kg		109	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1246		mg/Kg		125	70 - 130

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

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

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31290

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

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

Lab Sample ID: 880-17508-A-3-F MS

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31290

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

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

Lab Sample ID: 880-17508-A-3-G MSD

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31290

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

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17508-A-3-G MSD

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31290

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

Lab Sample ID: MB 880-31323/5-A

Matrix: Solid

Analysis Batch: 31375

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31323

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 10:46	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 10:46	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 10:46	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/22 13:15	08/03/22 10:46	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 13:15	08/03/22 10:46	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/22 13:15	08/03/22 10:46	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/02/22 13:15	08/03/22 10:46	1	
1,4-Difluorobenzene (Surr)	87		70 - 130				08/02/22 13:15	08/03/22 10:46	1	

Lab Sample ID: LCS 880-31323/1-A

Matrix: Solid

Analysis Batch: 31375

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31323

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08593		mg/Kg		86	70 - 130			
Toluene	0.100	0.08462		mg/Kg		85	70 - 130			
Ethylbenzene	0.100	0.08679		mg/Kg		87	70 - 130			
m-Xylene & p-Xylene	0.200	0.1764		mg/Kg		88	70 - 130			
o-Xylene	0.100	0.09584		mg/Kg		96	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	102		70 - 130							
1,4-Difluorobenzene (Surr)	97		70 - 130							

Lab Sample ID: LCSD 880-31323/2-A

Matrix: Solid

Analysis Batch: 31375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31323

			Spike	LCSD	LCSD						RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.08793		mg/Kg		88	70 - 130	2	35
Toluene			0.100	0.08706		mg/Kg		87	70 - 130	3	35
Ethylbenzene			0.100	0.09087		mg/Kg		91	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1840		mg/Kg		92	70 - 130	4	35
o-Xylene			0.100	0.1003		mg/Kg		100	70 - 130	5	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-31323/2-A

Matrix: Solid

Analysis Batch: 31375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31323

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

Lab Sample ID: 880-17607-A-1-A MS

Matrix: Solid

Analysis Batch: 31375

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31323

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F2 F1	0.101	0.09290		mg/Kg		92	70 - 130	
Toluene	<0.00201	U F2 F1	0.101	0.08067		mg/Kg		80	70 - 130	
Ethylbenzene	<0.00201	U F2 F1	0.101	0.07258		mg/Kg		72	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.201	0.1436		mg/Kg		71	70 - 130	
o-Xylene	<0.00201	U F2 F1	0.101	0.07867		mg/Kg		78	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	107		70 - 130							
1,4-Difluorobenzene (Surr)	102		70 - 130							

Lab Sample ID: 880-17607-A-1-B MSD

Matrix: Solid

Analysis Batch: 31375

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31323

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U F2 F1	0.0990	0.06422	F2 F1	mg/Kg		65	70 - 130	37	35	
Toluene	<0.00201	U F2 F1	0.0990	0.05399	F2 F1	mg/Kg		55	70 - 130	40	35	
Ethylbenzene	<0.00201	U F2 F1	0.0990	0.04416	F2 F1	mg/Kg		45	70 - 130	49	35	
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.198	0.08685	F2 F1	mg/Kg		44	70 - 130	49	35	
o-Xylene	<0.00201	U F2 F1	0.0990	0.04906	F2 F1	mg/Kg		50	70 - 130	46	35	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	103		70 - 130									
1,4-Difluorobenzene (Surr)	99		70 - 130									

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

Lab Sample ID: MB 880-31330/1-A

Matrix: Solid

Analysis Batch: 31245

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31330

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 20:14	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 20:14	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/22 14:20	08/02/22 20:14	1		
	MB	MB									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	110		70 - 130				08/02/22 14:20	08/02/22 20:14	1		
o-Terphenyl	131	S1+	70 - 130				08/02/22 14:20	08/02/22 20:14	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-31330/2-A

Matrix: Solid

Analysis Batch: 31245

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1036		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1087		mg/Kg		109	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	105		70 - 130				
o-Terphenyl	108		70 - 130				

Lab Sample ID: LCSD 880-31330/3-A

Matrix: Solid

Analysis Batch: 31245

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31330

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	876.2		mg/Kg		88	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	1115		mg/Kg		112	70 - 130	3	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-17595-1 MS

Matrix: Solid

Analysis Batch: 31245

Client Sample ID: CS-22 (2.5')

Prep Type: Total/NA

Prep Batch: 31330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	918.7		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	777.7		mg/Kg		76	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	68	S1-	70 - 130						
o-Terphenyl	71		70 - 130						

Lab Sample ID: 880-17595-1 MSD

Matrix: Solid

Analysis Batch: 31245

Client Sample ID: CS-22 (2.5')

Prep Type: Total/NA

Prep Batch: 31330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1051		mg/Kg		102	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	951.9		mg/Kg		94	70 - 130	20	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	84		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17595-1 MSD
Matrix: Solid
Analysis Batch: 31245

Client Sample ID: CS-22 (2.5')
Prep Type: Total/NA
Prep Batch: 31330

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	85		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-31303/1-A
Matrix: Solid
Analysis Batch: 31327

Client Sample ID: Method Blank
Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			08/02/22 13:55		1

Lab Sample ID: LCS 880-31303/2-A
Matrix: Solid
Analysis Batch: 31327

Client Sample ID: Lab Control Sample
Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	256.8		mg/Kg		103	90 - 110	

Lab Sample ID: LCSD 880-31303/3-A
Matrix: Solid
Analysis Batch: 31327

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	258.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-17595-3 MS
Matrix: Solid
Analysis Batch: 31327

Client Sample ID: CS-24 (2.5')
Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	302		249	543.8		mg/Kg		97	90 - 110	

Lab Sample ID: 880-17595-3 MSD
Matrix: Solid
Analysis Batch: 31327

Client Sample ID: CS-24 (2.5')
Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	302		249	543.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-2697-A-7-B MS
Matrix: Solid
Analysis Batch: 31327

Client Sample ID: Matrix Spike
Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	2010		1260	3361		mg/Kg		107	90 - 110	

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QC Sample Results

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2697-A-7-C MSD

Matrix: Solid

Analysis Batch: 31327

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2010		1260	3318		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-31214/1-A

Matrix: Solid

Analysis Batch: 31338

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/03/22 09:56	1

Lab Sample ID: LCS 880-31214/2-A

Matrix: Solid

Analysis Batch: 31338

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.9		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-31214/3-A

Matrix: Solid

Analysis Batch: 31338

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	273.1		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-17520-A-21-E MS

Matrix: Solid

Analysis Batch: 31338

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.9	F1 F2	250	268.5		mg/Kg		99	90 - 110

Lab Sample ID: 880-17520-A-21-F MSD

Matrix: Solid

Analysis Batch: 31338

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.9	F1 F2	250	204.1	F1 F2	mg/Kg		73	90 - 110	27	20

Lab Sample ID: 880-17588-A-1-D MS

Matrix: Solid

Analysis Batch: 31338

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14900	F1	12500	36280	F1	mg/Kg		171	90 - 110

Lab Sample ID: 880-17588-A-1-E MSD

Matrix: Solid

Analysis Batch: 31338

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14900	F1	12500	36230	F1	mg/Kg		171	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 31191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17507-A-2-E MS	Matrix Spike	Total/NA	Solid	5035	
880-17507-A-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Total/NA	Solid	8021B	31290
880-17595-2	CS-23 (2.5')	Total/NA	Solid	8021B	31290
880-17595-3	CS-24 (2.5')	Total/NA	Solid	8021B	31290
880-17595-4	CS-25 (2.5')	Total/NA	Solid	8021B	31290
880-17595-5	SW-40 (2.5')	Total/NA	Solid	8021B	31290
880-17595-6	SW-41 (2.5')	Total/NA	Solid	8021B	31290
880-17595-8	SW-43 (2.5')	Total/NA	Solid	8021B	31290
880-17595-9	SW-44 (2.5')	Total/NA	Solid	8021B	31290
880-17595-10	SW-45 (2.5')	Total/NA	Solid	8021B	31290
880-17595-11	SW-46 (2.5')	Total/NA	Solid	8021B	31290
880-17595-12	SW-47 (2.5')	Total/NA	Solid	8021B	31290
880-17595-13	SW-48 (2.5')	Total/NA	Solid	8021B	31290
880-17595-14	SW-49 (2.5')	Total/NA	Solid	8021B	31290
880-17595-15	SW-50 (2.5')	Total/NA	Solid	8021B	31290
880-17595-16	SW-51 (2.5')	Total/NA	Solid	8021B	31290
MB 880-31191/5-A	Method Blank	Total/NA	Solid	8021B	31191
MB 880-31290/5-A	Method Blank	Total/NA	Solid	8021B	31290
LCS 880-31191/1-A	Lab Control Sample	Total/NA	Solid	8021B	31191
LCS 880-31290/1-A	Lab Control Sample	Total/NA	Solid	8021B	31290
LCSD 880-31191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31191
LCSD 880-31290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31290
880-17507-A-2-E MS	Matrix Spike	Total/NA	Solid	8021B	31191
880-17507-A-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31191
880-17508-A-3-F MS	Matrix Spike	Total/NA	Solid	8021B	31290
880-17508-A-3-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31290

Prep Batch: 31290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Total/NA	Solid	5035	
880-17595-2	CS-23 (2.5')	Total/NA	Solid	5035	
880-17595-3	CS-24 (2.5')	Total/NA	Solid	5035	
880-17595-4	CS-25 (2.5')	Total/NA	Solid	5035	
880-17595-5	SW-40 (2.5')	Total/NA	Solid	5035	
880-17595-6	SW-41 (2.5')	Total/NA	Solid	5035	
880-17595-8	SW-43 (2.5')	Total/NA	Solid	5035	
880-17595-9	SW-44 (2.5')	Total/NA	Solid	5035	
880-17595-10	SW-45 (2.5')	Total/NA	Solid	5035	
880-17595-11	SW-46 (2.5')	Total/NA	Solid	5035	
880-17595-12	SW-47 (2.5')	Total/NA	Solid	5035	
880-17595-13	SW-48 (2.5')	Total/NA	Solid	5035	
880-17595-14	SW-49 (2.5')	Total/NA	Solid	5035	
880-17595-15	SW-50 (2.5')	Total/NA	Solid	5035	
880-17595-16	SW-51 (2.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 31290 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17508-A-3-F MS	Matrix Spike	Total/NA	Solid	5035	
880-17508-A-3-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 31323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-7	SW-42 (2.5')	Total/NA	Solid	5035	
MB 880-31323/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31323/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31323/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17607-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-17607-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-2	CS-23 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-3	CS-24 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-4	CS-25 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-5	SW-40 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-6	SW-41 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-7	SW-42 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-8	SW-43 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-9	SW-44 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-10	SW-45 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-11	SW-46 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-12	SW-47 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-13	SW-48 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-14	SW-49 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-15	SW-50 (2.5')	Total/NA	Solid	Total BTEX	
880-17595-16	SW-51 (2.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 31375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-7	SW-42 (2.5')	Total/NA	Solid	8021B	31323
MB 880-31323/5-A	Method Blank	Total/NA	Solid	8021B	31323
LCS 880-31323/1-A	Lab Control Sample	Total/NA	Solid	8021B	31323
LCSD 880-31323/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31323
880-17607-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	31323
880-17607-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31323

GC Semi VOA

Analysis Batch: 31245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-2	CS-23 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-3	CS-24 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-4	CS-25 (2.5')	Total/NA	Solid	8015B NM	31330

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QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 31245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-5	SW-40 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-6	SW-41 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-7	SW-42 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-8	SW-43 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-9	SW-44 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-10	SW-45 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-11	SW-46 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-12	SW-47 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-13	SW-48 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-14	SW-49 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-15	SW-50 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-16	SW-51 (2.5')	Total/NA	Solid	8015B NM	31330
MB 880-31330/1-A	Method Blank	Total/NA	Solid	8015B NM	31330
LCS 880-31330/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31330
LCSD 880-31330/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31330
880-17595-1 MS	CS-22 (2.5')	Total/NA	Solid	8015B NM	31330
880-17595-1 MSD	CS-22 (2.5')	Total/NA	Solid	8015B NM	31330

Prep Batch: 31330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-2	CS-23 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-3	CS-24 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-4	CS-25 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-5	SW-40 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-6	SW-41 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-7	SW-42 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-8	SW-43 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-9	SW-44 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-10	SW-45 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-11	SW-46 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-12	SW-47 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-13	SW-48 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-14	SW-49 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-15	SW-50 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-16	SW-51 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-31330/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31330/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31330/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17595-1 MS	CS-22 (2.5')	Total/NA	Solid	8015NM Prep	
880-17595-1 MSD	CS-22 (2.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Total/NA	Solid	8015 NM	
880-17595-2	CS-23 (2.5')	Total/NA	Solid	8015 NM	
880-17595-3	CS-24 (2.5')	Total/NA	Solid	8015 NM	
880-17595-4	CS-25 (2.5')	Total/NA	Solid	8015 NM	
880-17595-5	SW-40 (2.5')	Total/NA	Solid	8015 NM	
880-17595-6	SW-41 (2.5')	Total/NA	Solid	8015 NM	
880-17595-7	SW-42 (2.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 31380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-8	SW-43 (2.5')	Total/NA	Solid	8015 NM	
880-17595-9	SW-44 (2.5')	Total/NA	Solid	8015 NM	
880-17595-10	SW-45 (2.5')	Total/NA	Solid	8015 NM	
880-17595-11	SW-46 (2.5')	Total/NA	Solid	8015 NM	
880-17595-12	SW-47 (2.5')	Total/NA	Solid	8015 NM	
880-17595-13	SW-48 (2.5')	Total/NA	Solid	8015 NM	
880-17595-14	SW-49 (2.5')	Total/NA	Solid	8015 NM	
880-17595-15	SW-50 (2.5')	Total/NA	Solid	8015 NM	
880-17595-16	SW-51 (2.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 31214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-13	SW-48 (2.5')	Soluble	Solid	DI Leach	
880-17595-14	SW-49 (2.5')	Soluble	Solid	DI Leach	
880-17595-15	SW-50 (2.5')	Soluble	Solid	DI Leach	
880-17595-16	SW-51 (2.5')	Soluble	Solid	DI Leach	
MB 880-31214/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31214/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31214/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17520-A-21-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17520-A-21-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-17588-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17588-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 31303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Soluble	Solid	DI Leach	
880-17595-2	CS-23 (2.5')	Soluble	Solid	DI Leach	
880-17595-3	CS-24 (2.5')	Soluble	Solid	DI Leach	
880-17595-4	CS-25 (2.5')	Soluble	Solid	DI Leach	
880-17595-5	SW-40 (2.5')	Soluble	Solid	DI Leach	
880-17595-6	SW-41 (2.5')	Soluble	Solid	DI Leach	
880-17595-7	SW-42 (2.5')	Soluble	Solid	DI Leach	
880-17595-8	SW-43 (2.5')	Soluble	Solid	DI Leach	
880-17595-9	SW-44 (2.5')	Soluble	Solid	DI Leach	
880-17595-10	SW-45 (2.5')	Soluble	Solid	DI Leach	
880-17595-11	SW-46 (2.5')	Soluble	Solid	DI Leach	
880-17595-12	SW-47 (2.5')	Soluble	Solid	DI Leach	
MB 880-31303/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31303/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31303/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17595-3 MS	CS-24 (2.5')	Soluble	Solid	DI Leach	
880-17595-3 MSD	CS-24 (2.5')	Soluble	Solid	DI Leach	
890-2697-A-7-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2697-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 31327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-1	CS-22 (2.5')	Soluble	Solid	300.0	31303

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 31327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-2	CS-23 (2.5')	Soluble	Solid	300.0	31303
880-17595-3	CS-24 (2.5')	Soluble	Solid	300.0	31303
880-17595-4	CS-25 (2.5')	Soluble	Solid	300.0	31303
880-17595-5	SW-40 (2.5')	Soluble	Solid	300.0	31303
880-17595-6	SW-41 (2.5')	Soluble	Solid	300.0	31303
880-17595-7	SW-42 (2.5')	Soluble	Solid	300.0	31303
880-17595-8	SW-43 (2.5')	Soluble	Solid	300.0	31303
880-17595-9	SW-44 (2.5')	Soluble	Solid	300.0	31303
880-17595-10	SW-45 (2.5')	Soluble	Solid	300.0	31303
880-17595-11	SW-46 (2.5')	Soluble	Solid	300.0	31303
880-17595-12	SW-47 (2.5')	Soluble	Solid	300.0	31303
MB 880-31303/1-A	Method Blank	Soluble	Solid	300.0	31303
LCS 880-31303/2-A	Lab Control Sample	Soluble	Solid	300.0	31303
LCSD 880-31303/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31303
880-17595-3 MS	CS-24 (2.5')	Soluble	Solid	300.0	31303
880-17595-3 MSD	CS-24 (2.5')	Soluble	Solid	300.0	31303
890-2697-A-7-B MS	Matrix Spike	Soluble	Solid	300.0	31303
890-2697-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31303

Analysis Batch: 31338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17595-13	SW-48 (2.5')	Soluble	Solid	300.0	31214
880-17595-14	SW-49 (2.5')	Soluble	Solid	300.0	31214
880-17595-15	SW-50 (2.5')	Soluble	Solid	300.0	31214
880-17595-16	SW-51 (2.5')	Soluble	Solid	300.0	31214
MB 880-31214/1-A	Method Blank	Soluble	Solid	300.0	31214
LCS 880-31214/2-A	Lab Control Sample	Soluble	Solid	300.0	31214
LCSD 880-31214/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31214
880-17520-A-21-E MS	Matrix Spike	Soluble	Solid	300.0	31214
880-17520-A-21-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31214
880-17588-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	31214
880-17588-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31214

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: CS-22 (2.5')

Lab Sample ID: 880-17595-1

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 13:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/02/22 21:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 01:58	CH	XEN MID

Client Sample ID: CS-23 (2.5')

Lab Sample ID: 880-17595-2

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 13:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/02/22 22:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 02:07	CH	XEN MID

Client Sample ID: CS-24 (2.5')

Lab Sample ID: 880-17595-3

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 13:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/02/22 22:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 02:16	CH	XEN MID

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-17595-4

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 14:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: CS-25 (2.5')

Lab Sample ID: 880-17595-4

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/02/22 23:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 02:44	CH	XEN MID

Client Sample ID: SW-40 (2.5')

Lab Sample ID: 880-17595-5

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 14:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/02/22 23:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		5			31327	08/03/22 02:53	CH	XEN MID

Client Sample ID: SW-41 (2.5')

Lab Sample ID: 880-17595-6

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 14:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/02/22 23:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 03:20	CH	XEN MID

Client Sample ID: SW-42 (2.5')

Lab Sample ID: 880-17595-7

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31323	08/02/22 13:15	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31375	08/03/22 11:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 00:13	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-42 (2.5')

Lab Sample ID: 880-17595-7

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			5.04 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		5			31327	08/03/22 03:30	CH	XEN MID

Client Sample ID: SW-43 (2.5')

Lab Sample ID: 880-17595-8

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 17:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 00:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		5			31327	08/03/22 03:39	CH	XEN MID

Client Sample ID: SW-44 (2.5')

Lab Sample ID: 880-17595-9

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 17:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 03:48	CH	XEN MID

Client Sample ID: SW-45 (2.5')

Lab Sample ID: 880-17595-10

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 18:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 01:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		5			31327	08/03/22 03:57	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-46 (2.5')

Lab Sample ID: 880-17595-11

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 18:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 02:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		5			31327	08/03/22 04:06	CH	XEN MID

Client Sample ID: SW-47 (2.5')

Lab Sample ID: 880-17595-12

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 18:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31303	08/02/22 11:12	CH	XEN MID
Soluble	Analysis	300.0		1			31327	08/03/22 04:16	CH	XEN MID

Client Sample ID: SW-48 (2.5')

Lab Sample ID: 880-17595-13

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 19:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 02:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	31214	08/02/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			31338	08/03/22 17:38	CH	XEN MID

Client Sample ID: SW-49 (2.5')

Lab Sample ID: 880-17595-14

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 19:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Client Sample ID: SW-49 (2.5')

Lab Sample ID: 880-17595-14

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 03:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31214	08/02/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			31338	08/03/22 17:46	CH	XEN MID

Client Sample ID: SW-50 (2.5')

Lab Sample ID: 880-17595-15

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 19:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 03:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31214	08/02/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			31338	08/03/22 17:54	CH	XEN MID

Client Sample ID: SW-51 (2.5')

Lab Sample ID: 880-17595-16

Date Collected: 08/01/22 00:00

Matrix: Solid

Date Received: 08/02/22 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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 20:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31344	08/02/22 16:31	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31380	08/03/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31330	08/02/22 14:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31245	08/03/22 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31214	08/02/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			31338	08/03/22 18:02	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: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: McCloy Pond

Job ID: 880-17595-1
SDG: Lea 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: McCloy Pond

Job ID: 880-17595-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17595-1	CS-22 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-2	CS-23 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-3	CS-24 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-4	CS-25 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-5	SW-40 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-6	SW-41 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-7	SW-42 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-8	SW-43 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-9	SW-44 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-10	SW-45 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-11	SW-46 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-12	SW-47 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-13	SW-48 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-14	SW-49 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-15	SW-50 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15
880-17595-16	SW-51 (2.5')	Solid	08/01/22 00:00	08/02/22 09:15

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 ☐ RRP ☐ Brownfields ☐ RC ☐ ☐ Deepfund ☐									
State of Project:									
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐									
Deliverables EDD ☐ ADAPT ☐ Other: _____									

Work Order No: 17595

Project Name		McClay Pond		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number	1008	☐ Routine	☒ Rush	Due Date	24 Hrs													None	NO	DI Water	H ₂ O				
Project Location	Lea Co., NM																	Cool	Cool	MeOH	Me				
Sampler's Name	CCM	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	Yes	No	Wet Ice	Yes	No													H ₃ PO ₄	HP		
Received Inlet:	Yes	No	Thermometer ID	Yes	No													NaHSO ₄	NABIS						
Cooler Custody Seals	Yes	No	Correction Factor	Yes	No													Na ₂ S ₂ O ₃	NaSO ₃						
Sample Custody Seals	Yes	No	Temperature Reading	Yes	No													Zn Acetate	+NaOH	Zn					
Total Containers:			Corrected Temperature:	Yes	No													NaOH	+Ascorbic Acid	SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-22 (2.5')	8/1/2022		X			C	1	X	X	X	X														
CS-23 (2.5')	8/1/2022		X			C	1	X	X	X	X														
CS-24 (2.5')	8/1/2022		X			C	1	X	X	X	X														
CS-25 (2.5')	8/1/2022		X			C	1	X	X	X	X														
SW-40 (2.5')	8/1/2022		X			C	1	X	X	X	X														
SW-41 (2.5')	8/1/2022		X			C	1	X	X	X	X														
SW-42 (2.5')	8/1/2022		X			C	1	X	X	X	X														
SW-43 (2.5')	8/1/2022		X			C	1	X	X	X	X														
SW-44 (2.5')	8/1/2022		X			C	1	X	X	X	X														
SW-45 (2.5')	8/1/2022		X			C	1	X	X	X	X														



880-17595 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Connie J. J. J.</i>	8/2/22 9:15	<i>W. J. J.</i>	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Work Order No: 17595

Page 2 of 2

Project Manager	Conner Moehring	Bill to (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address	310 W Wall St. Ste 415	Address:	865 North Albion St. Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 6823	Email	joseph.vargo@naglep.com

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

Project Name	McCloy Pond	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1008	Due Date	24 Hrs														None NO	DI Water H ₂ O
Project Location	Lea Co, NM	TAT starts the day received by the lab if received by 4:30pm															Cool Cool	MeOH Me
Sampler's Name	CCM																HCL HC	HNO ₃ HN
PO #:																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact:	Yes No	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:	Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature:															NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
SW-46 (2.5')	8/1/2022		X		C	1	BTEX 8021B												
SW-47 (2.5')	8/1/2022		X		C	1	TPH 8015M (GRO + DRO + MRO)												
SW-48 (2.5')	8/1/2022		X		C	1	Chloride 300 0												
SW-49 (2.5')	8/1/2022		X		C	1													
SW-50 (2.5')	8/1/2022		X		C	1													
SW-51 (2.5')	8/1/2022		X		C	1													

Loc: 880
17595

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		8/2/22 9:15			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17595-1

SDG Number: Lea Co, NM

Login Number: 17595

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 134008

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 134008
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Approved.	8/16/2022