CARMONA RESOURCES

SITE INFORMATION

Work Plan
Striker 2 SWD
Incident # NAPP2202638605
Eddy County, New Mexico
Unit D Sec 23 T24S R31E
32.134367°, -103.452361°

Produced Water Release
Point of Release: Valve failure on expansion flange
Release Date: 01/24/2022
Volume Released: 240 barrels of Produced Water
Volume Recovered: 220 barrels of Produced Water

CARMONA RESOURCES

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

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

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Midland TX, 79701
432.813.1992

CARMONA RESOURCES

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CARMONA RESOURCES

April 11, 2022

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

Re: Work Plan
Striker 2 SWD
NGL Water Solutions Permian, LLC
Site Location: Unit D, S23, T24S, R31E
(Lat 32.134367º, Long -103.452361º)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of NGL Energy Partners (NGL), Carmona Resource, LLC has prepared this letter to document site assessment activities for the Striker 2 SWD. The site is located at 32.134367°, -103.452361° within Unit D S23, T24S, R31E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 24, 2022, caused by a valve failure on the expansion flange. It resulted in the release of approximately two hundred and forty (240) barrels of produced water, and two hundred and twenty (220) barrels were recovered. The impacted area was on the pad and measured approximately 330’ x 40’, 60’ x 30’, and 65’ x 20’as shown on Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, two known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.18 miles Southeast of the site in S23, T24S, R31E and was drilled in 2020. The well has a reported depth to groundwater of 868’ below ground surface (ft bgs). The other well is located approximately 0.31 miles Northeast of the site in S23, T24S, R31E and was drilled in 2020. The well has a reported depth to groundwater of

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860’ 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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO)
- Chloride: 20,000 mg/kg

4.0 Site Assessment Activities

Initial Assessment

On February 1, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of eight (8) sample points and ten (10) horizontal samples were advanced to depths ranging from the surface –3.5’ bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results. Due to the dense formation, we could not vertically delineate via a hand auger.

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 8.0’ 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.

The area of (S-5/T-2) showed high TPH concentrations ranging from 8,480 mg/kg to 1,720 mg/kg at the surface to 5.0' bethe low surface. The area then declined with depth at 6.0' bgs, with a TPH concentration of 60 mg/kg. The sampling results are summarized in Table 1, and see Figure 3 for the sample locations.

5.0 Proposed Work Plan

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

- The area of S-5 (Trench-2) will be excavated to a depth of 6' below the surface and backfilled with clean material to grade.
- NGL requests a variance per 19.15.29.14.A NMAC, NGL will collect composite sidewall and bottom hole samples every 250 square feet.
- An estimated 650 cubic yards to be removed and hauled to the nearest disposal.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved

6.0 Conclusions

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

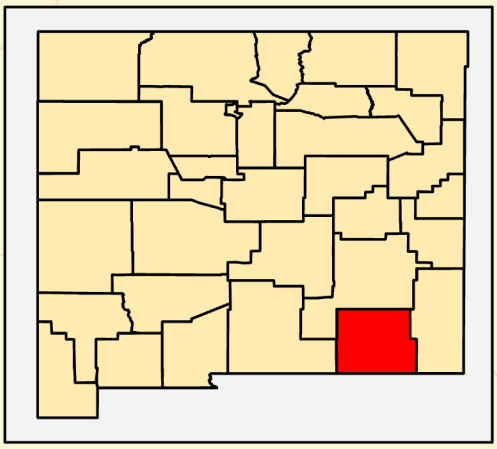
Sincerely,
Carmona Resources, LLC

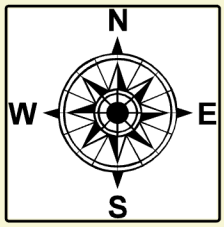
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





128

Striker 2 SWD

128

Orla Rd

0 2 4 8 Miles

Legend

Site Location

OVERVIEW MAP
NGL ENERGY PARTNERS
STRIKER 2 SWD
EDDY COUNTY, NEW MEXICO
32.134367, -103.452361

SCALE: As Shown

Date: 2/25/2022

CARMONA RESOURCES

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

NOTES:

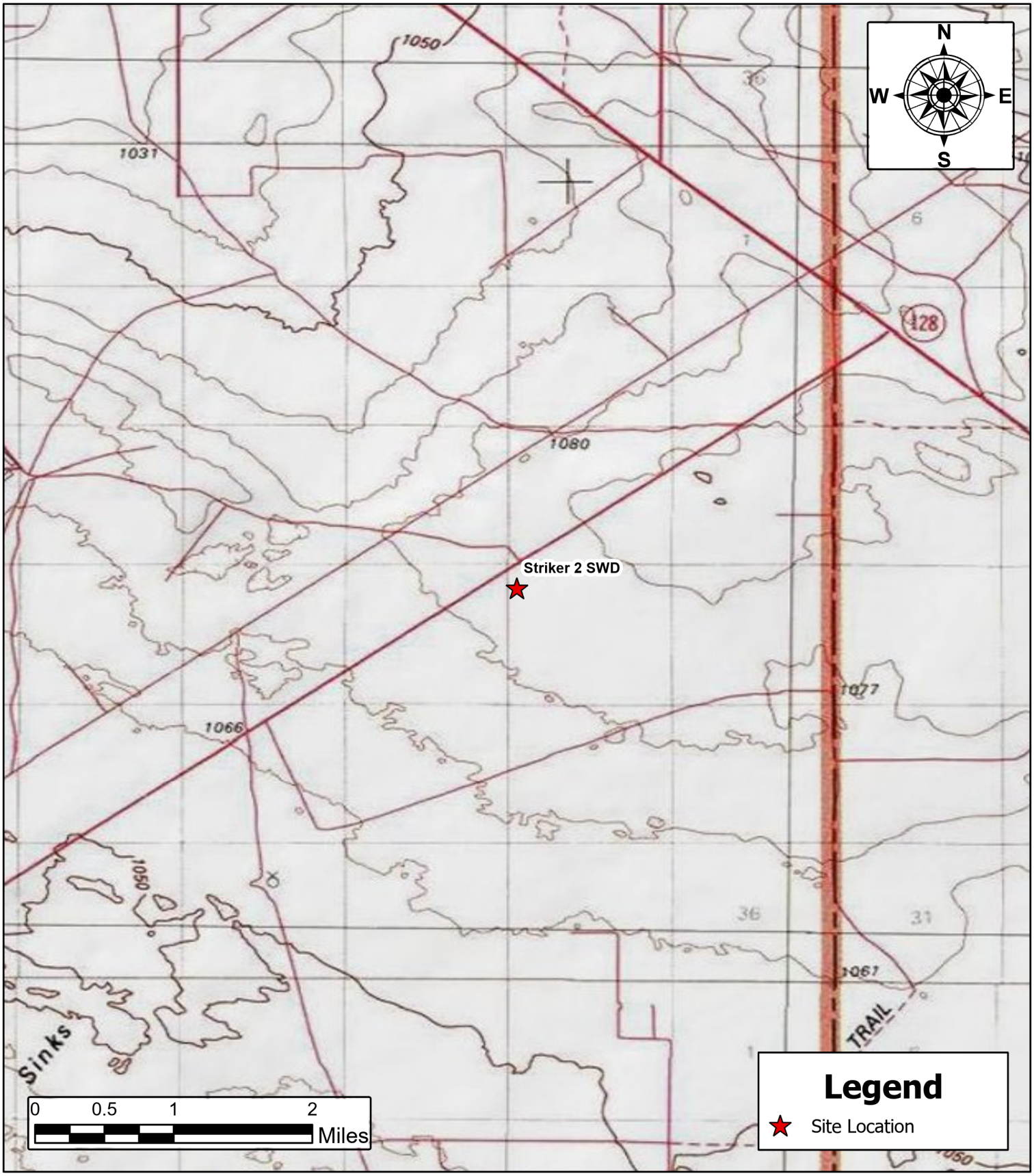
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



TOPOGRAPHIC MAP
NGL ENERGY PARTNERS
STRIKER 2 SWD
EDDY COUNTY, NEW MEXICO
32.134367, -103.452361

SCALE: As Shown | Date: 2/25/2022

CARMONA RESOURCES

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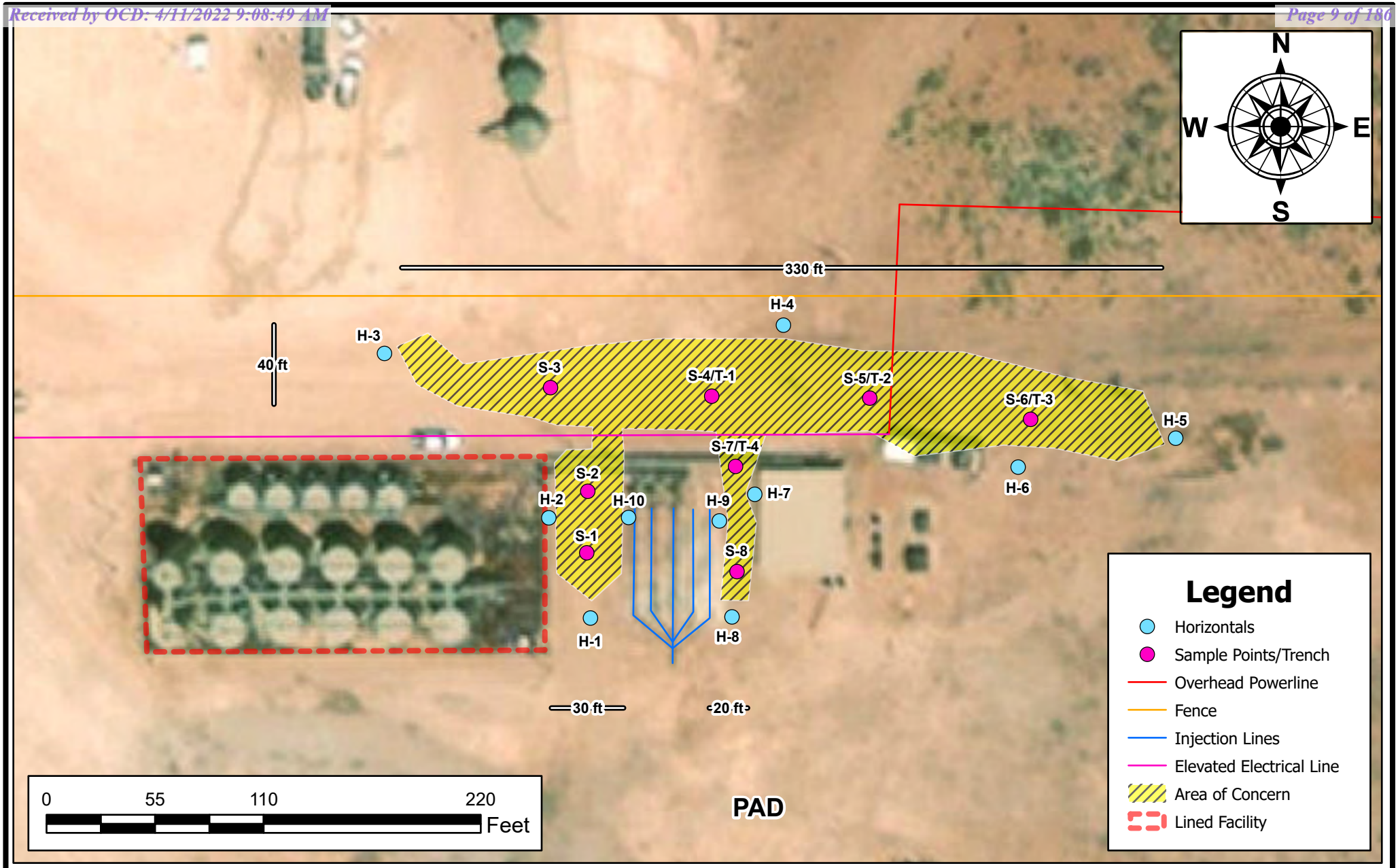
NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



SAMPLE LOCATION MAP
NGL ENERGY PARTNERS
STRIKER 2 SWD
EDDY COUNTY, NEW MEXICO
32.134367 -103.452361

SCALE: As Shown

Date: 4/9/2022

CARMONA RESOURCES

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

NOTES:

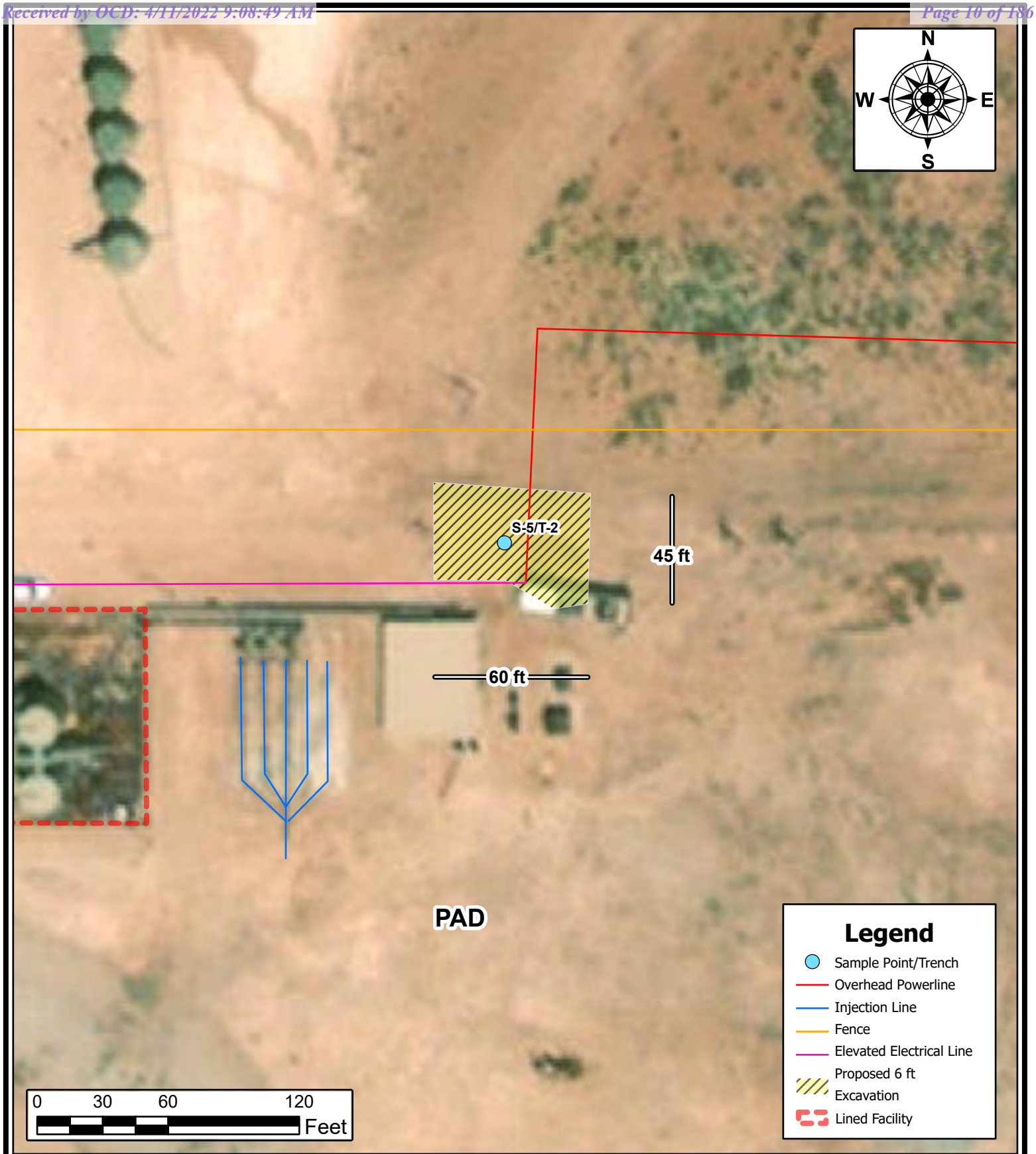
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



PROPOSED EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
STRIKER 2 SWD
EDDY COUNTY, NEW MEXICO
32.134367 -103.452361

SCALE: As Shown | Date: 4/9/2022

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

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

APPENDIX A

CARMONA RESOURCES

Table 1
NGL Water Solutions Permian
Striker 2 SWD
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**7,200**
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,480**
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	286
S-2	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**5,960**
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,810**
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	473
S-3	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,590**
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	224
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
	"	3-3.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	80.5
S-4	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**5,760**
	"	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,920**
	"	2-2.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**1,110**
T-1	3/28/2022	0-1	<49.9	**147**	<49.9	**147**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**12,900**
	"	1.0	<49.9	**174**	<49.9	**174**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**12,900**
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,740**
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	541
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,710**
	"	5.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	181
S-5	2/1/2022	0-1	286	**4,860**	<49.9	**5,150**	0.00495	0.00533	0.0313	0.167	0.209	**2,910**
	"	1-1.5	337	**4,860**	<49.9	**6,270**	0.00222	0.00365	0.016	0.0858	0.108	**2,820**
	"	2-2.5	703	**8,130**	<250	**8,830**	<0.00199	<0.00199	0.0258	0.134	0.16	**3,000**
T-2	3/28/2022	0-1	**116**	**3,190**	<49.9	**3,310**	<0.00202	0.00537	0.0183	0.116	0.140	**1,460**
	"	1.0	**116**	**3,190**	<49.9	**3,310**	<0.00198	0.00690	0.0119	0.106	0.125	**1,550**
	"	2.0	64.1	**1,920**	<50.0	**1,980**	<0.00200	0.0122	0.0272	0.141	0.180	**2,240**
	"	3.0	**649**	**7,830**	<250	**8,480**	<0.00201	0.282	1.70	11.2	13.2	**1,470**
	"	4.0	**193**	**2,840**	<49.8	**3,030**	<0.00199	0.0616	0.136	0.904	1.10	**1,200**
	"	5.0	**131**	**1,590**	<50.0	**1,720**	<0.00200	0.0215	0.0606	0.412	0.494	**971**
	"	6.0	<49.8	60.0	<49.8	60.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	171
	"	7.0	<49.8	<49.8	<49.8	<49.8	<0.00198	0.00491	<0.00198	<0.00397	0.00491	599
	"	8.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	0.249	0.249	245
S-6	2/1/2022	0-1	<49.9	**308**	<49.9	**308**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**14,600**
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**4,040**
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,300**
T-3	3/28/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,760**
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**4,150**
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	0.161	<0.00199	0.0245	0.0406	**2,220**
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,020**
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	208
S-7	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,190**
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**841**
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**902**
T-4	3/28/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,280**
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,210**
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**677**
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**958**
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	217
S-8	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,520**
	"	1-1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	105
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.8
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
S - Sample Point
H - Horizontal
T - Trenches
Proposed Excavation

Table 1
NGL Water Solutions Permian
Striker 2 SWD
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	18.0
H-2	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	97.1
H-3	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.6
H-4	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	117
H-5	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	89.9
H-6	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	78.8
H-7	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.9
H-8	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.7
H-9	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	21.1
H-10	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	40.4
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**	-	-	-	**50 mg/kg**	**20,000 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
H - Horizontal

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

NGL

Photograph No. 1

Facility: Striker 2 SWD

County: Eddy County, New Mexico

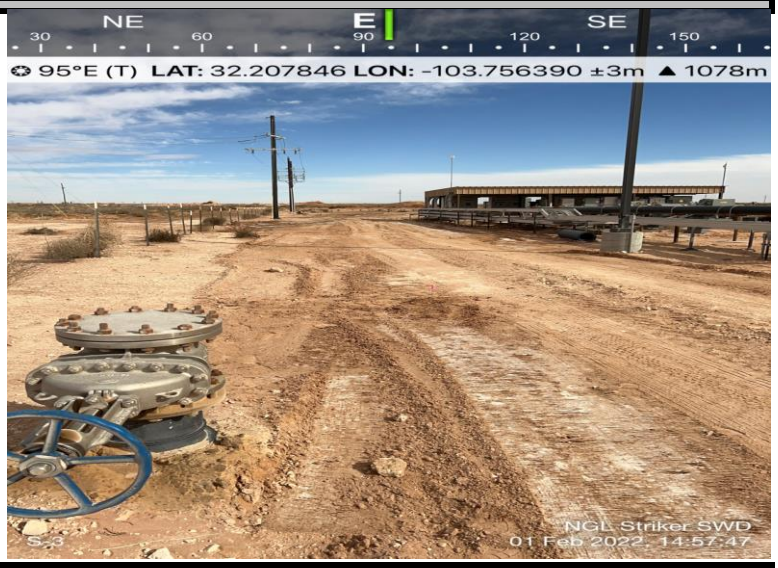
Description:
View North, Areas of S-1 and S-2

Photograph No. 2

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View East, Areas of S-3 and S-4



Photograph No. 3

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View Southeast, Area of S-5

CARMONA RESOURCES

PHOTOGRAPHIC LOG

NGL

Photograph No. 4

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View NorthEast, Area of S-6

Photograph No. 5

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View North, Area of S-7

Photograph No. 6

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View North, Area of S-8

CARMONA RESOURCES

PHOTOGRAPHIC LOG

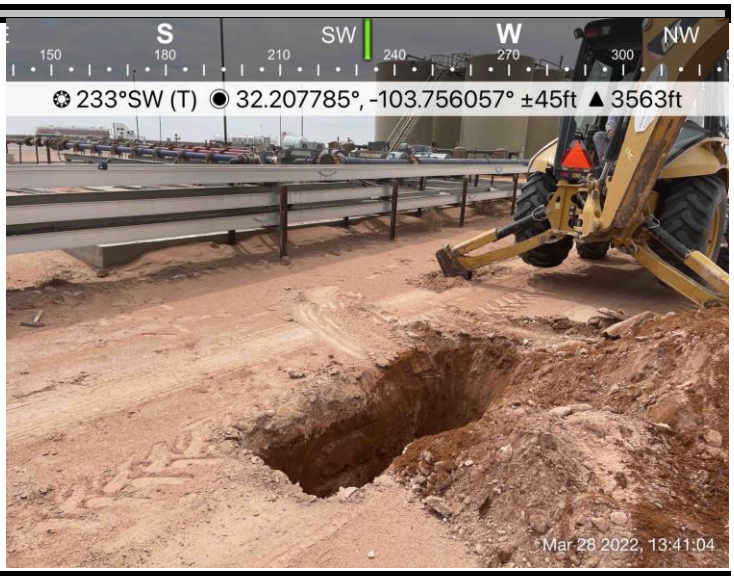
NGL

Photograph No. 7

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View Southwest, Area of Trench-1

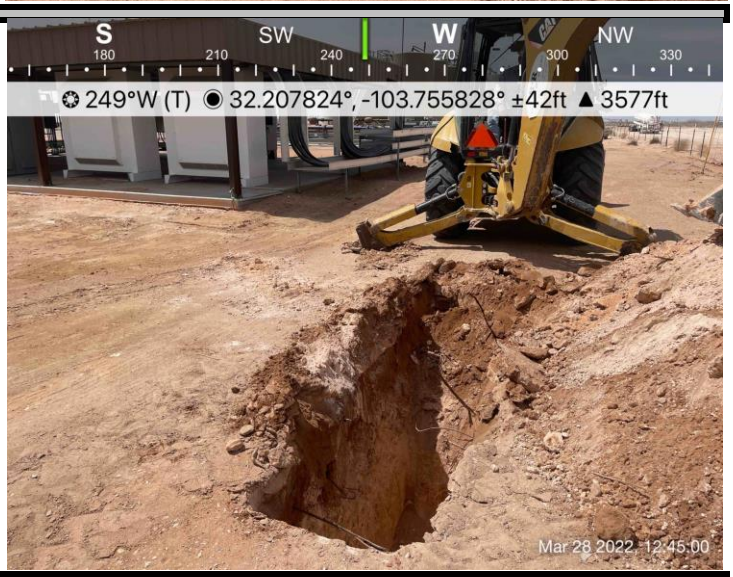


Photograph No. 8

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View Southwest, Area of Trench-2



Photograph No. 9

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View West, Area of Trench-3

CARMONA RESOURCES

PHOTOGRAPHIC LOG

NGL

Photograph No. 10

Facility: Striker 2 SWD

County: Eddy County, New Mexico

Description:
View North, Area of Trench-4

CARMONA RESOURCES

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	nAPP2202638605
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)* nAPP2202638605
Contact mailing address 865 North Albion Street, Suite 400, Denver, CO 80220	

Location of Release Source

Latitude 32.207282 Longitude -103.755737
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Striker 2 SWD	Site Type Salt Water Disposal
Date Release Discovered January 24, 2022	API# *(if applicable)* 30-015-44416

Unit Letter	Section	Township	Range	County
D	23	24S	31E	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) 240	Volume Recovered (bbls) 220
	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

4 inch, 2500 psi check valve failure on the expansion flange on discharge for the injection pump

140 bbls released inside containment. 100 outside containment. All but 20 bbls recovered from outside containment.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202638605
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? [x] Yes [ ] No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 barrels

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes, to OCD through Notice of Release on January 26, 2022

Initial Response

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

- [x] The source of the release has been stopped.
- [x] The impacted area has been secured to protect human health and the environment.
- [x] Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- [x] All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: [signature] Date: 1.27.22

email: Joseph.Vargo@nglep.com Telephone: (303) 815-1010

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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: _____

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Striker 2 SWD

Legend

- 0.18 Miles
- 0.31 Miles
- 0.50 Mile Radius
- NMSEO Water Well
- Striker 2 SWD

Buck Jackson Rd

Buck Jackson Rd

850' - Drilled 2021

Striker 2 SWD

868' - Drilled 2020

Google Earth

N

1000 ft

LOW KARST

Striker 2 SWD

Legend

LOW

Striker 2 SWD

128

128

128

Striker 2 SWD

Google Earth

2 mi

N

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

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

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02405	CUB	ED		4	1	02	24S	31E	617690	3568631*	275	160	115
C 02440	C	ED		2	3	10	24S	31E	616103	3566599*	350		
C 02460	C	ED			3	02	24S	31E	617496	3568022*	320		
C 02460 POD2	C	ED			3	02	24S	31E	617496	3568022*	320		
C 02464	C	ED	2	3	1	02	24S	31E	617645	3568581	320	205	115
C 02661	CUB	ED	3	3	1	04	24S	31E	613969	3568485*	708		
C 02783	CUB	ED	3	3	1	04	24S	31E	613911	3568461	708		
C 02783 POD2	CUB	ED	3	3	1	04	24S	31E	613911	3568461	672		
C 02784	C	ED	4	2	4	04	24S	31E	613911	3568461	584		
C 02785	CUB	ED	3	3	1	04	24S	31E	613969	3568485*	692		
C 04388 POD1	C	ED	3	2	1	23	24S	31E	617546	3564006	910	868	42
C 04499 POD1	CUB	ED	3	4	2	20	24S	31E	613719	3563732	111		
C 04508 POD1	CUB	ED	4	4	3	15	24S	31E	616298	3564493	110		
C 04576 POD1	CUB	ED	1	2	1	23	24S	31E	617700	3564324	910	850	60

Average Depth to Water: **520 feet**
Minimum Depth: **160 feet**
Maximum Depth: **868 feet**

Record Count: 14

PLSS Search:

Township: 24S **Range:** 31E

***UTM location was derived from PLSS - see Help**

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	Twn	Rng	X	Y
22333	C 04388 POD1	3	2	1	23	24S	31E	617546	3564006

Driller License: 1058 **Driller Company:** KEY'S DRILLING & PUMP SERVICE

Driller Name: KEY, GARYR.S AICHARDDENAS

Drill Start Date:	12/18/2019	**Drill Finish Date:**	02/22/2020	**Plug Date:**	
Log File Date:	02/27/2020	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	60 GPM
Casing Size:	4.50	**Depth Well:**	910 feet	**Depth Water:**	868 feet

Water Bearing Stratifications:	Top	Bottom	Description
	866	868	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	850	910

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
NA	C 04576 POD1	1	2	1	23	24S	31E	617700	3564324

Driller License: 1058 **Driller Company:** KEY'S DRILLING & PUMP SERVICE

Driller Name: GARY KEY

Drill Start Date: 10/21/2021 **Drill Finish Date:** 01/19/2022 **Plug Date:**

Log File Date: 01/20/2022 **PCW Rcv Date:** **Source:** Artesian

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 35 GPM

Casing Size: **Depth Well:** 910 feet **Depth Water:** 850 feet

Water Bearing Stratifications:	Top	Bottom	Description
	850	875	Sandstone/Gravel/Conglomerate
	885	905	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	794	910

New Mexico NFHL Data

January 31, 2022

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

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

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

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10891-1
Laboratory Sample Delivery Group: Eddy Co NM
Client Project/Site: Striker 2 SWD

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

Attn: Conner Moehring

JKramer

Authorized for release by:
2/7/2022 4:08:27 PM

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

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: Striker 2 SWD

Laboratory Job ID: 880-10891-1
SDG: Eddy Co NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Job ID: 880-10891-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10891-1

Receipt
The samples were received on 2/2/2022 10:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18361 and analytical batch 880-18462 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18359 and analytical batch 880-18331 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-18405 and analytical batch 880-18620 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28) These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18405 and analytical batch 880-18620 were outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18560 and analytical batch 880-18646 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: (880-10895-A-21-C 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 continuing calibration blank (CCB) for analytical batch 880-18602 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18366 and analytical batch 880-18602 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: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-1
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1 F2	0.00199		mg/Kg		02/02/22 11:43	02/03/22 11:42	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		02/02/22 11:43	02/03/22 11:42	1
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		02/02/22 11:43	02/03/22 11:42	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		02/02/22 11:43	02/03/22 11:42	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		02/02/22 11:43	02/03/22 11:42	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		02/02/22 11:43	02/03/22 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/02/22 11:43*	*02/03/22 11:42*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/02/22 11:43*	*02/03/22 11:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/04/22 21:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/04/22 21:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/04/22 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/02/22 11:25*	*02/04/22 21:54*	*1*
o-Terphenyl	*81*		*70 - 130*	*02/02/22 11:25*	*02/04/22 21:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7200**		49.5		mg/Kg			02/05/22 00:03	10

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

Lab Sample ID: 880-10891-2
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 12:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 12:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*02/02/22 11:43*	*02/03/22 12:03*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/02/22 11:43*	*02/03/22 12:03*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-2
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 22:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 22:55	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/02/22 11:25*	*02/04/22 22:55*	*1*
o-Terphenyl	*84*		*70 - 130*	*02/02/22 11:25*	*02/04/22 22:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1480**		25.2		mg/Kg			02/05/22 00:11	5

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

Lab Sample ID: 880-10891-3
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 12:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 12:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 12:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 12:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 12:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*02/02/22 11:43*	*02/03/22 12:23*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/02/22 11:43*	*02/03/22 12:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/04/22 23:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/04/22 23:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-3
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/04/22 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/02/22 11:25*	*02/04/22 23:16*	*1*
o-Terphenyl	*85*		*70 - 130*	*02/02/22 11:25*	*02/04/22 23:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**286**		4.97		mg/Kg			02/05/22 00:18	1

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

Lab Sample ID: 880-10891-4
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:43	02/03/22 12:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:43	02/03/22 12:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:43	02/03/22 12:43	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/02/22 11:43	02/03/22 12:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:43	02/03/22 12:43	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/02/22 11:43	02/03/22 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/02/22 11:43*	*02/03/22 12:43*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*02/02/22 11:43*	*02/03/22 12:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 23:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 23:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*02/02/22 11:25*	*02/04/22 23:36*	*1*
o-Terphenyl	*83*		*70 - 130*	*02/02/22 11:25*	*02/04/22 23:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5960**		49.8		mg/Kg			02/05/22 00:41	10

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-5
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 13:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*02/02/22 11:43*	*02/03/22 13:04*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/02/22 11:43*	*02/03/22 13:04*	*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			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 23:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 23:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*02/02/22 11:25*	*02/04/22 23:57*	*1*
o-Terphenyl	*75*		*70 - 130*	*02/02/22 11:25*	*02/04/22 23:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1810**		25.0		mg/Kg			02/05/22 00:49	5

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

Lab Sample ID: 880-10891-6
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 13:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 13:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 13:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 13:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 13:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/02/22 11:43*	*02/03/22 13:24*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/02/22 11:43*	*02/03/22 13:24*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-6
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 00:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 00:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*02/02/22 11:25*	*02/05/22 00:17*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/02/22 11:25*	*02/05/22 00:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**473**		4.95		mg/Kg			02/05/22 01:11	1

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

Lab Sample ID: 880-10891-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 13:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 13:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/02/22 11:43*	*02/03/22 13:45*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/02/22 11:43*	*02/03/22 13:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 00:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 00:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*02/02/22 11:25*	*02/05/22 00:38*	*1*
o-Terphenyl	*87*		*70 - 130*	*02/02/22 11:25*	*02/05/22 00:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2590**		25.3		mg/Kg			02/05/22 01:19	5

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

Lab Sample ID: 880-10891-8
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 14:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 14:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 14:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 14:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 14:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/02/22 11:43*	*02/03/22 14:05*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*02/02/22 11:43*	*02/03/22 14:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 00:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*02/02/22 11:25*	*02/05/22 00:58*	*1*
o-Terphenyl	*96*		*70 - 130*	*02/02/22 11:25*	*02/05/22 00:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**224**		5.04		mg/Kg			02/05/22 01:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 880-10891-9
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 14:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/02/22 11:43*	*02/03/22 14:26*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/02/22 11:43*	*02/03/22 14:26*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 01:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 01:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*02/02/22 11:25*	*02/05/22 01:18*	*1*
o-Terphenyl	*80*		*70 - 130*	*02/02/22 11:25*	*02/05/22 01:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		4.97		mg/Kg			02/05/22 01:34	1

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

Lab Sample ID: 880-10891-10
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 14:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 14:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/02/22 11:43*	*02/03/22 14:46*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*02/02/22 11:43*	*02/03/22 14:46*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Lab Sample ID: 880-10891-10

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 01:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 01:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*02/02/22 11:25*	*02/05/22 01:39*	*1*
o-Terphenyl	*83*		*70 - 130*	*02/02/22 11:25*	*02/05/22 01:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.5**		4.98		mg/Kg			02/05/22 01:42	1

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

Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Lab Sample ID: 880-10891-11

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/02/22 11:43	02/03/22 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/02/22 11:43	02/03/22 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/02/22 11:43*	*02/03/22 16:10*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/02/22 11:43*	*02/03/22 16:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 02:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 02:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-11
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*02/02/22 11:25*	*02/05/22 02:20*	*1*
o-Terphenyl	*80*		*70 - 130*	*02/02/22 11:25*	*02/05/22 02:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5760**		49.5		mg/Kg			02/05/22 01:49	10

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

Lab Sample ID: 880-10891-12
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 16:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*02/02/22 11:43*	*02/03/22 16:30*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*02/02/22 11:43*	*02/03/22 16:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 02:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 02:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*02/02/22 11:25*	*02/05/22 02:40*	*1*
o-Terphenyl	*70*		*70 - 130*	*02/02/22 11:25*	*02/05/22 02:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3920**		25.0		mg/Kg			02/05/22 01:57	5

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-13
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:43	02/03/22 16:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:43	02/03/22 16:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:43	02/03/22 16:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/02/22 11:43	02/03/22 16:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:43	02/03/22 16:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/02/22 11:43	02/03/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/02/22 11:43*	*02/03/22 16:50*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*02/02/22 11:43*	*02/03/22 16:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/04/22 13:23	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			02/07/22 16:46	1

Method: 8015B 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		02/02/22 11:25	02/05/22 03:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/02/22 11:25	02/05/22 03:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/02/22 11:25	02/05/22 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*02/02/22 11:25*	*02/05/22 03:01*	*1*
o-Terphenyl	*83*		*70 - 130*	*02/02/22 11:25*	*02/05/22 03:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		4.95		mg/Kg			02/05/22 02:57	1

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

Lab Sample ID: 880-10891-14
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00495**		0.00200		mg/Kg		02/02/22 11:43	02/03/22 17:11	1
Toluene	**0.00533**		0.00200		mg/Kg		02/02/22 11:43	02/03/22 17:11	1
Ethylbenzene	**0.0313**		0.00200		mg/Kg		02/02/22 11:43	02/03/22 17:11	1
m-Xylene & p-Xylene	**0.0905**		0.00399		mg/Kg		02/02/22 11:43	02/03/22 17:11	1
o-Xylene	**0.0767**		0.00200		mg/Kg		02/02/22 11:43	02/03/22 17:11	1
Xylenes, Total	**0.167**		0.00399		mg/Kg		02/02/22 11:43	02/03/22 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*310*	*S1+*	*70 - 130*	*02/02/22 11:43*	*02/03/22 17:11*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/02/22 11:43*	*02/03/22 17:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-14
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.209		0.00399		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5150		49.9		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	286		49.9		mg/Kg		02/02/22 11:25	02/05/22 03:21	1
Diesel Range Organics (Over C10-C28)	4860		49.9		mg/Kg		02/02/22 11:25	02/05/22 03:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*02/02/22 11:25*	*02/05/22 03:21*	*1*
o-Terphenyl	*95*		*70 - 130*	*02/02/22 11:25*	*02/05/22 03:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2910		24.8		mg/Kg			02/05/22 03:20	5

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

Lab Sample ID: 880-10891-15
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00222		0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:31	1
Toluene	0.00365		0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:31	1
Ethylbenzene	0.0160		0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:31	1
m-Xylene & p-Xylene	0.0476		0.00398		mg/Kg		02/02/22 11:43	02/03/22 17:31	1
o-Xylene	0.0382		0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:31	1
Xylenes, Total	0.0858		0.00398		mg/Kg		02/02/22 11:43	02/03/22 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*217*	*S1+*	*70 - 130*	*02/02/22 11:43*	*02/03/22 17:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/02/22 11:43*	*02/03/22 17:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.108		0.00398		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6270		49.9		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	337		49.9		mg/Kg		02/02/22 11:25	02/05/22 03:41	1
Diesel Range Organics (Over C10-C28)	5930		49.9		mg/Kg		02/02/22 11:25	02/05/22 03:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-15
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/02/22 11:25*	*02/05/22 03:41*	*1*
o-Terphenyl	*76*		*70 - 130*	*02/02/22 11:25*	*02/05/22 03:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2820**		25.1		mg/Kg			02/05/22 03:28	5

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

Lab Sample ID: 880-10891-16
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:52	1
Ethylbenzene	**0.0258**		0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:52	1
m-Xylene & p-Xylene	**0.0814**		0.00398		mg/Kg		02/02/22 11:43	02/03/22 17:52	1
o-Xylene	**0.0524**		0.00199		mg/Kg		02/02/22 11:43	02/03/22 17:52	1
Xylenes, Total	**0.134**		0.00398		mg/Kg		02/02/22 11:43	02/03/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*225*	*S1+*	*70 - 130*	*02/02/22 11:43*	*02/03/22 17:52*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/02/22 11:43*	*02/03/22 17:52*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.160**		0.00398		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8830**		250		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**703**		250		mg/Kg		02/02/22 11:25	02/05/22 10:15	5
Diesel Range Organics (Over C10-C28)	**8130**		250		mg/Kg		02/02/22 11:25	02/05/22 10:15	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		02/02/22 11:25	02/05/22 10:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*02/02/22 11:25*	*02/05/22 10:15*	*5*
o-Terphenyl	*86*		*70 - 130*	*02/02/22 11:25*	*02/05/22 10:15*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3000**		24.9		mg/Kg			02/05/22 03:35	5

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-17
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/02/22 11:43	02/03/22 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/02/22 11:43	02/03/22 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/02/22 11:43*	*02/03/22 18:12*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/02/22 11:43*	*02/03/22 18:12*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**308**		49.9		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 04:22	1
Diesel Range Organics (Over C10-C28)	**308**		49.9		mg/Kg		02/02/22 11:25	02/05/22 04:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:25	02/05/22 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/02/22 11:25*	*02/05/22 04:22*	*1*
o-Terphenyl	*87*		*70 - 130*	*02/02/22 11:25*	*02/05/22 04:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14600**		101		mg/Kg			02/05/22 03:43	20

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

Lab Sample ID: 880-10891-18
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 18:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 18:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*286*	*S1+*	*70 - 130*	*02/02/22 11:43*	*02/03/22 18:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/02/22 11:43*	*02/03/22 18:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-18
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 04:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 04:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*02/02/22 11:25*	*02/05/22 04:43*	*1*
o-Terphenyl	*88*		*70 - 130*	*02/02/22 11:25*	*02/05/22 04:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4040**	**^2**	25.1		mg/Kg			02/05/22 04:05	5

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

Lab Sample ID: 880-10891-19
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 18:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:43	02/03/22 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:43	02/03/22 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/02/22 11:43*	*02/03/22 18:53*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/02/22 11:43*	*02/03/22 18:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 05:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-19
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*02/02/22 11:25*	*02/05/22 05:03*	*1*
o-Terphenyl	*81*		*70 - 130*	*02/02/22 11:25*	*02/05/22 05:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3300**	**^2**	25.0		mg/Kg			02/05/22 04:13	5

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

Lab Sample ID: 880-10891-20
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 19:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 19:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 19:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 19:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 19:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:43	02/03/22 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/02/22 11:43*	*02/03/22 19:14*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/02/22 11:43*	*02/03/22 19:14*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 05:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 05:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/05/22 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/02/22 11:25*	*02/05/22 05:24*	*1*
o-Terphenyl	*86*		*70 - 130*	*02/02/22 11:25*	*02/05/22 05:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1190**	**^2**	25.0		mg/Kg			02/05/22 04:20	5

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-21
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/04/22 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/04/22 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/04/22 06:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/03/22 09:00	02/04/22 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/04/22 06:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/03/22 09:00	02/04/22 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/03/22 09:00*	*02/04/22 06:05*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/03/22 09:00*	*02/04/22 06:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 12:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+ F1 F2	50.0		mg/Kg		02/02/22 14:28	02/05/22 12:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*02/02/22 14:28*	*02/05/22 12:57*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/02/22 14:28*	*02/05/22 12:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**841**	**^2**	4.95		mg/Kg			02/05/22 04:28	1

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

Lab Sample ID: 880-10891-22
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/03/22 09:51	02/04/22 00:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/03/22 09:51	02/04/22 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*02/03/22 09:51*	*02/04/22 00:45*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/03/22 09:51*	*02/04/22 00:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-22
Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

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			02/07/22 15:26	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 14:28	02/05/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		02/02/22 14:28	02/05/22 14:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 14:28	02/05/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*02/02/22 14:28*	*02/05/22 14:01*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/02/22 14:28*	*02/05/22 14:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**902**	**^2**	5.04		mg/Kg			02/05/22 04:35	1

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

Lab Sample ID: 880-10891-23
Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

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		02/03/22 09:51	02/04/22 01:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/22 09:51	02/04/22 01:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/22 09:51	02/04/22 01:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/22 09:51	02/04/22 01:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/22 09:51	02/04/22 01:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/22 09:51	02/04/22 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*02/03/22 09:51*	*02/04/22 01:05*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/03/22 09:51*	*02/04/22 01:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 14:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		02/02/22 14:28	02/05/22 14:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-23
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*02/02/22 14:28*	*02/05/22 14:22*	*1*
o-Terphenyl	*79*		*70 - 130*	*02/02/22 14:28*	*02/05/22 14:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1520**	**^2**	24.9		mg/Kg			02/05/22 04:43	5

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

Lab Sample ID: 880-10891-24
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/22 09:51	02/04/22 01:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/22 09:51	02/04/22 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*02/03/22 09:51*	*02/04/22 01:26*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/03/22 09:51*	*02/04/22 01:26*	*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			02/07/22 15:26	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 14:28	02/05/22 14:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		02/02/22 14:28	02/05/22 14:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 14:28	02/05/22 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*02/02/22 14:28*	*02/05/22 14:43*	*1*
o-Terphenyl	*113*		*70 - 130*	*02/02/22 14:28*	*02/05/22 14:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**	**^2**	4.98		mg/Kg			02/05/22 05:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Lab Sample ID: 880-10891-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/22 09:51	02/04/22 01:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 01:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/22 09:51	02/04/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*02/03/22 09:51*	*02/04/22 01:46*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/03/22 09:51*	*02/04/22 01:46*	*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			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/07/22 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/04/22 11:12	02/07/22 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/04/22 11:12	02/07/22 01:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/04/22 11:12	02/07/22 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*02/04/22 11:12*	*02/07/22 01:01*	*1*
o-Terphenyl	*95*		*70 - 130*	*02/04/22 11:12*	*02/07/22 01:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.8**	**^2**	5.00		mg/Kg			02/05/22 05:13	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-10875-A-48-D MS	Matrix Spike	118	99										
880-10875-A-48-E MSD	Matrix Spike Duplicate	128	96										
880-10891-1	S-1 (0-1')	101	101										
880-10891-1 MS	S-1 (0-1')	114	102										
880-10891-1 MSD	S-1 (0-1')	129	96										
880-10891-2	S-1 (1-1.5')	100	102										
880-10891-3	S-1 (2-2.5')	119	87										
880-10891-4	S-2 (0-1')	107	108										
880-10891-5	S-2 (1-1.5')	134 S1+	90										
880-10891-6	S-2 (2-2.5')	111	98										
880-10891-7	S-3 (0-1')	108	94										
880-10891-8	S-3 (1-1.5')	113	81										
880-10891-9	S-3 (2-2.5')	106	97										
880-10891-10	S-3 (3-3.5')	109	82										
880-10891-11	S-4 (0-1')	112	102										
880-10891-12	S-4 (1-1.5')	85	75										
880-10891-13	S-4 (2-2.5')	102	79										
880-10891-14	S-5 (0-1')	310 S1+	95										
880-10891-15	S-5 (1-1.5')	217 S1+	94										
880-10891-16	S-5 (2-2.5')	225 S1+	85										
880-10891-17	S-6 (0-1')	114	97										
880-10891-18	S-6 (1-1.5')	286 S1+	94										
880-10891-19	S-6 (2-2.5')	114	85										
880-10891-20	S-7 (0-1')	111	100										
880-10891-21	S-7 (1-1.5')	107	95										
880-10891-22	S-7 (2-2.5')	131 S1+	103										
880-10891-22 MS	S-7 (2-2.5')	114	94										
880-10891-22 MSD	S-7 (2-2.5')	126	101										
880-10891-23	S-8 (0-1')	126	115										
880-10891-24	S-8 (1-1.5')	144 S1+	107										
880-10891-25	S-8 (2-2.5')	128	105										
LCS 880-18359/1-A	Lab Control Sample	104	92										
LCS 880-18361/1-A	Lab Control Sample	115	104										
LCS 880-18464/1-A	Lab Control Sample	117	101										
LCSD 880-18359/2-A	Lab Control Sample Dup	115	102										
LCSD 880-18361/2-A	Lab Control Sample Dup	119	102										
LCSD 880-18464/2-A	Lab Control Sample Dup	114	102										
MB 880-18359/5-A	Method Blank	106	104										
MB 880-18361/5-A	Method Blank	109	105										
MB 880-18464/5-A	Method Blank	122	101										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-10891-1	S-1 (0-1')	80	81								
880-10891-1 MS	S-1 (0-1')	78	84								
880-10891-1 MSD	S-1 (0-1')	81	86								
880-10891-2	S-1 (1-1.5')	86	84								
880-10891-3	S-1 (2-2.5')	86	85								
880-10891-4	S-2 (0-1')	84	83								
880-10891-5	S-2 (1-1.5')	76	75								
880-10891-6	S-2 (2-2.5')	81	82								
880-10891-7	S-3 (0-1')	83	87								
880-10891-8	S-3 (1-1.5')	92	96								
880-10891-9	S-3 (2-2.5')	78	80								
880-10891-10	S-3 (3-3.5')	79	83								
880-10891-11	S-4 (0-1')	79	80								
880-10891-12	S-4 (1-1.5')	73	70								
880-10891-13	S-4 (2-2.5')	79	83								
880-10891-14	S-5 (0-1')	108	95								
880-10891-15	S-5 (1-1.5')	96	76								
880-10891-16	S-5 (2-2.5')	83	86								
880-10891-17	S-6 (0-1')	86	87								
880-10891-18	S-6 (1-1.5')	88	88								
880-10891-19	S-6 (2-2.5')	82	81								
880-10891-20	S-7 (0-1')	86	86								
880-10891-21	S-7 (1-1.5')	87	82								
880-10891-21 MS	S-7 (1-1.5')	72	75								
880-10891-21 MSD	S-7 (1-1.5')	96	86								
880-10891-22	S-7 (2-2.5')	77	74								
880-10891-23	S-8 (0-1')	78	79								
880-10891-24	S-8 (1-1.5')	109	113								
880-10891-25	S-8 (2-2.5')	102	95								
880-10895-A-21-C MS	Matrix Spike	58 S1-	52 S1-								
880-10895-A-21-D MSD	Matrix Spike Duplicate	76	73								

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 880-18354/2-A	Lab Control Sample	86	84								
LCS 880-18405/2-A	Lab Control Sample	104	109								
LCS 880-18560/2-A	Lab Control Sample	84	89								
LCSD 880-18354/3-A	Lab Control Sample Dup	85	90								
LCSD 880-18405/3-A	Lab Control Sample Dup	97	103								
LCSD 880-18560/3-A	Lab Control Sample Dup	98	94								
MB 880-18354/1-A	Method Blank	88	97								
MB 880-18405/1-A	Method Blank	96	97								
MB 880-18560/1-A	Method Blank	106	108								

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18359/5-A
Matrix: Solid
Analysis Batch: 18331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 11:43	02/03/22 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:43	02/03/22 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 11:43	02/03/22 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/02/22 11:43*	*02/03/22 11:20*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/02/22 11:43*	*02/03/22 11:20*	*1*

Lab Sample ID: LCS 880-18359/1-A
Matrix: Solid
Analysis Batch: 18331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08220		mg/Kg		82	70 - 130
Toluene	0.100	0.08147		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08159		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1664		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08633		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-18359/2-A
Matrix: Solid
Analysis Batch: 18331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18359

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07755		mg/Kg		78	70 - 130	6	35
Toluene	0.100	0.07384		mg/Kg		74	70 - 130	10	35
Ethylbenzene	0.100	0.07496		mg/Kg		75	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1506		mg/Kg		75	70 - 130	10	35
o-Xylene	0.100	0.07703		mg/Kg		77	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-10891-1 MS
Matrix: Solid
Analysis Batch: 18331

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 18359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.100	0.01147	F1	mg/Kg		11	70 - 130
Toluene	<0.00199	U F1	0.100	0.01007	F1	mg/Kg		10	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-1 MS
Matrix: Solid
Analysis Batch: 18331

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 18359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U F1 F2	0.100	0.01080	F1	mg/Kg		11	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.02350	F1	mg/Kg		12	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.01203	F1	mg/Kg		12	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-10891-1 MSD
Matrix: Solid
Analysis Batch: 18331

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 18359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0998	0.006413	F1 F2	mg/Kg		6	70 - 130	57	35
Toluene	<0.00199	U F1	0.0998	0.01090	F1	mg/Kg		11	70 - 130	8	35
Ethylbenzene	<0.00199	U F1 F2	0.0998	0.01886	F1 F2	mg/Kg		19	70 - 130	54	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.02667	F1	mg/Kg		13	70 - 130	13	35
o-Xylene	<0.00199	U F1	0.0998	0.01700	F1	mg/Kg		17	70 - 130	34	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-18361/5-A
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/22 09:00	02/03/22 22:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/03/22 09:00*	*02/03/22 22:14*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/03/22 09:00*	*02/03/22 22:14*	*1*

Lab Sample ID: LCS 880-18361/1-A
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08168		mg/Kg		82	70 - 130
Toluene	0.100	0.08307		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08488		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1732		mg/Kg		87	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-18361/1-A
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18361

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			0.100	0.08940		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-18361/2-A
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.07641		mg/Kg		76	70 - 130	7	35
Toluene			0.100	0.08096		mg/Kg		81	70 - 130	3	35
Ethylbenzene			0.100	0.08209		mg/Kg		82	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1694		mg/Kg		85	70 - 130	2	35
o-Xylene			0.100	0.08747		mg/Kg		87	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-10875-A-48-D MS
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U F1	0.100	0.04223	F1	mg/Kg		42	70 - 130		
Toluene	<0.00200	U F1	0.100	0.04381	F1	mg/Kg		44	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.04603	F1	mg/Kg		46	70 - 130		
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.09724	F1	mg/Kg		49	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.05004	F1	mg/Kg		50	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-10875-A-48-E MSD
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.03234	F1	mg/Kg		32	70 - 130	27	35
Toluene	<0.00200	U F1	0.100	0.03586	F1	mg/Kg		36	70 - 130	20	35
Ethylbenzene	<0.00200	U F1	0.100	0.03495	F1	mg/Kg		35	70 - 130	27	35
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.07455	F1	mg/Kg		37	70 - 130	26	35
o-Xylene	<0.00200	U F1	0.100	0.04331	F1	mg/Kg		43	70 - 130	14	35

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-A-48-E MSD
Matrix: Solid
Analysis Batch: 18462

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18361

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-18464/5-A
Matrix: Solid
Analysis Batch: 18466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18464

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/22 09:51	02/04/22 00:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:51	02/04/22 00:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/22 09:51	02/04/22 00:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	02/03/22 09:51	02/04/22 00:16	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/03/22 09:51	02/04/22 00:16	1

Lab Sample ID: LCS 880-18464/1-A
Matrix: Solid
Analysis Batch: 18466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18464

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.07101		mg/Kg		71	70 - 130		
Toluene			0.100	0.07805		mg/Kg		78	70 - 130		
Ethylbenzene			0.100	0.08818		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene			0.200	0.1715		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08957		mg/Kg		90	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 880-18464/2-A
Matrix: Solid
Analysis Batch: 18466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18464

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.07297		mg/Kg		73	70 - 130	3	35
Toluene			0.100	0.07640		mg/Kg		76	70 - 130	2	35
Ethylbenzene			0.100	0.08377		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1657		mg/Kg		83	70 - 130	3	35
o-Xylene			0.100	0.08049		mg/Kg		80	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-18464/2-A
Matrix: Solid
Analysis Batch: 18466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18464

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

Lab Sample ID: 880-10891-22 MS
Matrix: Solid
Analysis Batch: 18466

Client Sample ID: S-7 (2-2.5')
Prep Type: Total/NA
Prep Batch: 18464

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0990	0.07275		mg/Kg		73	70 - 130
Toluene	<0.00200	U	0.0990	0.07524		mg/Kg		76	70 - 130
Ethylbenzene	<0.00200	U	0.0990	0.08490		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1616		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.0990	0.08427		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-10891-22 MSD
Matrix: Solid
Analysis Batch: 18466

Client Sample ID: S-7 (2-2.5')
Prep Type: Total/NA
Prep Batch: 18464

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08263		mg/Kg		82	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.09422		mg/Kg		94	70 - 130	22	35
Ethylbenzene	<0.00200	U	0.100	0.09487		mg/Kg		94	70 - 130	11	35
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1886		mg/Kg		94	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.09185		mg/Kg		91	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-18354/1-A
Matrix: Solid
Analysis Batch: 18548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 20:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 20:52	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:25	02/04/22 20:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	02/02/22 11:25	02/04/22 20:52	1
o-Terphenyl	97		70 - 130	02/02/22 11:25	02/04/22 20:52	1

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-18354/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18354**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	776.6		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1033		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: LCSD 880-18354/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18354**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	718.8		mg/Kg		72	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	913.7		mg/Kg		91	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: 880-10891-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18354**

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	817.7		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1021		mg/Kg		102	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*78*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: 880-10891-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18354**

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	847.7		mg/Kg		83	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1062		mg/Kg		106	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-1 MSD
Matrix: Solid
Analysis Batch: 18548

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 18354

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	86		70 - 130

Lab Sample ID: MB 880-18405/1-A
Matrix: Solid
Analysis Batch: 18620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18405

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 11:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 11:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 14:28	02/05/22 11:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	02/02/22 14:28	02/05/22 11:54	1
o-Terphenyl	97		70 - 130	02/02/22 14:28	02/05/22 11:54	1

Lab Sample ID: LCS 880-18405/2-A
Matrix: Solid
Analysis Batch: 18620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18405

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1218		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1331	*+	mg/Kg		133	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-18405/3-A
Matrix: Solid
Analysis Batch: 18620

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18405

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1098		mg/Kg		110	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1165		mg/Kg		117	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	103		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-21 MS
Matrix: Solid
Analysis Batch: 18620

Client Sample ID: S-7 (1-1.5')
Prep Type: Total/NA
Prep Batch: 18405

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	1000	996.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+ F1 F2	1000	1008		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*72*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: 880-10891-21 MSD
Matrix: Solid
Analysis Batch: 18620

Client Sample ID: S-7 (1-1.5')
Prep Type: Total/NA
Prep Batch: 18405

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	1148		mg/Kg		112	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+ F1 F2	998	1328	F1 F2	mg/Kg		133	70 - 130	27	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: MB 880-18560/1-A
Matrix: Solid
Analysis Batch: 18646

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18560

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		02/04/22 11:12	02/06/22 21:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/04/22 11:12	02/06/22 21:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/04/22 11:12	02/06/22 21:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*02/04/22 11:12*	*02/06/22 21:12*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/04/22 11:12*	*02/06/22 21:12*	*1*

Lab Sample ID: LCS 880-18560/2-A
Matrix: Solid
Analysis Batch: 18646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	966.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	936.4		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-18560/2-A
Matrix: Solid
Analysis Batch: 18646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18560

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-18560/3-A
Matrix: Solid
Analysis Batch: 18646

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18560

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	994.4		mg/Kg		99	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	901.7		mg/Kg		90	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-10895-A-21-C MS
Matrix: Solid
Analysis Batch: 18646

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18560

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 F1 F2	1000	649.9	F1	mg/Kg		62	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	1000	661.8	F1	mg/Kg		66	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	58	S1-	70 - 130
o-Terphenyl	52	S1-	70 - 130

Lab Sample ID: 880-10895-A-21-D MSD
Matrix: Solid
Analysis Batch: 18646

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18560

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 F1 F2	998	1121	F2	mg/Kg		109	70 - 130	53	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	998	953.1	F2	mg/Kg		96	70 - 130	36	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	73		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18365/1-A
Matrix: Solid
Analysis Batch: 18601

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/04/22 22:09	1

Lab Sample ID: LCS 880-18365/2-A
Matrix: Solid
Analysis Batch: 18601

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	241.1		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-18365/3-A
Matrix: Solid
Analysis Batch: 18601

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	242.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-10891-3 MS
Matrix: Solid
Analysis Batch: 18601

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	286		249	533.9		mg/Kg		100	90 - 110		

Lab Sample ID: 880-10891-3 MSD
Matrix: Solid
Analysis Batch: 18601

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	286		249	534.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-18366/1-A
Matrix: Solid
Analysis Batch: 18602

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			02/05/22 02:35	1

Lab Sample ID: LCS 880-18366/2-A
Matrix: Solid
Analysis Batch: 18602

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	236.9		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-18366/3-A
Matrix: Solid
Analysis Batch: 18602

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	238.4		mg/Kg		95	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10891-13 MS
Matrix: Solid
Analysis Batch: 18602

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1110		248	1300	4	mg/Kg		78	90 - 110		

Lab Sample ID: 880-10891-13 MSD
Matrix: Solid
Analysis Batch: 18602

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1110		248	1297	4	mg/Kg		77	90 - 110	0	20

Lab Sample ID: 880-10891-23 MS
Matrix: Solid
Analysis Batch: 18602

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1520	^2	1240	2724		mg/Kg		97	90 - 110		

Lab Sample ID: 880-10891-23 MSD
Matrix: Solid
Analysis Batch: 18602

Client Sample ID: S-8 (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	1520	^2	1240	2803		mg/Kg		103	90 - 110	3	20

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 18331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Total/NA	Solid	8021B	18359
880-10891-2	S-1 (1-1.5')	Total/NA	Solid	8021B	18359
880-10891-3	S-1 (2-2.5')	Total/NA	Solid	8021B	18359
880-10891-4	S-2 (0-1')	Total/NA	Solid	8021B	18359
880-10891-5	S-2 (1-1.5')	Total/NA	Solid	8021B	18359
880-10891-6	S-2 (2-2.5')	Total/NA	Solid	8021B	18359
880-10891-7	S-3 (0-1')	Total/NA	Solid	8021B	18359
880-10891-8	S-3 (1-1.5')	Total/NA	Solid	8021B	18359
880-10891-9	S-3 (2-2.5')	Total/NA	Solid	8021B	18359
880-10891-10	S-3 (3-3.5')	Total/NA	Solid	8021B	18359
880-10891-11	S-4 (0-1')	Total/NA	Solid	8021B	18359
880-10891-12	S-4 (1-1.5')	Total/NA	Solid	8021B	18359
880-10891-13	S-4 (2-2.5')	Total/NA	Solid	8021B	18359
880-10891-14	S-5 (0-1')	Total/NA	Solid	8021B	18359
880-10891-15	S-5 (1-1.5')	Total/NA	Solid	8021B	18359
880-10891-16	S-5 (2-2.5')	Total/NA	Solid	8021B	18359
880-10891-17	S-6 (0-1')	Total/NA	Solid	8021B	18359
880-10891-18	S-6 (1-1.5')	Total/NA	Solid	8021B	18359
880-10891-19	S-6 (2-2.5')	Total/NA	Solid	8021B	18359
880-10891-20	S-7 (0-1')	Total/NA	Solid	8021B	18359
MB 880-18359/5-A	Method Blank	Total/NA	Solid	8021B	18359
LCS 880-18359/1-A	Lab Control Sample	Total/NA	Solid	8021B	18359
LCSD 880-18359/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18359
880-10891-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	18359
880-10891-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	18359

Prep Batch: 18359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Total/NA	Solid	5035	
880-10891-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-10891-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-10891-4	S-2 (0-1')	Total/NA	Solid	5035	
880-10891-5	S-2 (1-1.5')	Total/NA	Solid	5035	
880-10891-6	S-2 (2-2.5')	Total/NA	Solid	5035	
880-10891-7	S-3 (0-1')	Total/NA	Solid	5035	
880-10891-8	S-3 (1-1.5')	Total/NA	Solid	5035	
880-10891-9	S-3 (2-2.5')	Total/NA	Solid	5035	
880-10891-10	S-3 (3-3.5')	Total/NA	Solid	5035	
880-10891-11	S-4 (0-1')	Total/NA	Solid	5035	
880-10891-12	S-4 (1-1.5')	Total/NA	Solid	5035	
880-10891-13	S-4 (2-2.5')	Total/NA	Solid	5035	
880-10891-14	S-5 (0-1')	Total/NA	Solid	5035	
880-10891-15	S-5 (1-1.5')	Total/NA	Solid	5035	
880-10891-16	S-5 (2-2.5')	Total/NA	Solid	5035	
880-10891-17	S-6 (0-1')	Total/NA	Solid	5035	
880-10891-18	S-6 (1-1.5')	Total/NA	Solid	5035	
880-10891-19	S-6 (2-2.5')	Total/NA	Solid	5035	
880-10891-20	S-7 (0-1')	Total/NA	Solid	5035	
MB 880-18359/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18359/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18359/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

GC VOA (Continued)

Prep Batch: 18359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-10891-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 18361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-21	S-7 (1-1.5')	Total/NA	Solid	5035	
MB 880-18361/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18361/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18361/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10875-A-48-D MS	Matrix Spike	Total/NA	Solid	5035	
880-10875-A-48-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 18462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-21	S-7 (1-1.5')	Total/NA	Solid	8021B	18361
MB 880-18361/5-A	Method Blank	Total/NA	Solid	8021B	18361
LCS 880-18361/1-A	Lab Control Sample	Total/NA	Solid	8021B	18361
LCSD 880-18361/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18361
880-10875-A-48-D MS	Matrix Spike	Total/NA	Solid	8021B	18361
880-10875-A-48-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18361

Prep Batch: 18464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-22	S-7 (2-2.5')	Total/NA	Solid	5035	
880-10891-23	S-8 (0-1')	Total/NA	Solid	5035	
880-10891-24	S-8 (1-1.5')	Total/NA	Solid	5035	
880-10891-25	S-8 (2-2.5')	Total/NA	Solid	5035	
MB 880-18464/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18464/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18464/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10891-22 MS	S-7 (2-2.5')	Total/NA	Solid	5035	
880-10891-22 MSD	S-7 (2-2.5')	Total/NA	Solid	5035	

Analysis Batch: 18466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-22	S-7 (2-2.5')	Total/NA	Solid	8021B	18464
880-10891-23	S-8 (0-1')	Total/NA	Solid	8021B	18464
880-10891-24	S-8 (1-1.5')	Total/NA	Solid	8021B	18464
880-10891-25	S-8 (2-2.5')	Total/NA	Solid	8021B	18464
MB 880-18464/5-A	Method Blank	Total/NA	Solid	8021B	18464
LCS 880-18464/1-A	Lab Control Sample	Total/NA	Solid	8021B	18464
LCSD 880-18464/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18464
880-10891-22 MS	S-7 (2-2.5')	Total/NA	Solid	8021B	18464
880-10891-22 MSD	S-7 (2-2.5')	Total/NA	Solid	8021B	18464

Analysis Batch: 18593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-10891-2	S-1 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-3	S-1 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-4	S-2 (0-1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 18593 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-5	S-2 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-6	S-2 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-7	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-10891-8	S-3 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-9	S-3 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-10	S-3 (3-3.5')	Total/NA	Solid	Total BTEX	
880-10891-11	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-10891-12	S-4 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-13	S-4 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-14	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-10891-15	S-5 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-16	S-5 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-17	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-10891-18	S-6 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-19	S-6 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-20	S-7 (0-1')	Total/NA	Solid	Total BTEX	

Analysis Batch: 18770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-21	S-7 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-22	S-7 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10891-23	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-10891-24	S-8 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10891-25	S-8 (2-2.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 18354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-4	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-5	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-6	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-7	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-8	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-9	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-10	S-3 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-10891-11	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-12	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-13	S-4 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-14	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-15	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-16	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-17	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-18	S-6 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-19	S-6 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-20	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-18354/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18354/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 18354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-18354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10891-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 18405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-21	S-7 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-22	S-7 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10891-23	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-10891-24	S-8 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-18405/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18405/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18405/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10891-21 MS	S-7 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10891-21 MSD	S-7 (1-1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	18354
880-10891-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	18354
880-10891-4	S-2 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-5	S-2 (1-1.5')	Total/NA	Solid	8015B NM	18354
880-10891-6	S-2 (2-2.5')	Total/NA	Solid	8015B NM	18354
880-10891-7	S-3 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-8	S-3 (1-1.5')	Total/NA	Solid	8015B NM	18354
880-10891-9	S-3 (2-2.5')	Total/NA	Solid	8015B NM	18354
880-10891-10	S-3 (3-3.5')	Total/NA	Solid	8015B NM	18354
880-10891-11	S-4 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-12	S-4 (1-1.5')	Total/NA	Solid	8015B NM	18354
880-10891-13	S-4 (2-2.5')	Total/NA	Solid	8015B NM	18354
880-10891-14	S-5 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-15	S-5 (1-1.5')	Total/NA	Solid	8015B NM	18354
880-10891-16	S-5 (2-2.5')	Total/NA	Solid	8015B NM	18354
880-10891-17	S-6 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-18	S-6 (1-1.5')	Total/NA	Solid	8015B NM	18354
880-10891-19	S-6 (2-2.5')	Total/NA	Solid	8015B NM	18354
880-10891-20	S-7 (0-1')	Total/NA	Solid	8015B NM	18354
MB 880-18354/1-A	Method Blank	Total/NA	Solid	8015B NM	18354
LCS 880-18354/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18354
LCSD 880-18354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18354
880-10891-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	18354
880-10891-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	18354

Prep Batch: 18560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-25	S-8 (2-2.5')	Total/NA	Solid	8015NM Prep	
MB 880-18560/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18560/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18560/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10895-A-21-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 18560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10895-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-21	S-7 (1-1.5')	Total/NA	Solid	8015B NM	18405
880-10891-22	S-7 (2-2.5')	Total/NA	Solid	8015B NM	18405
880-10891-23	S-8 (0-1')	Total/NA	Solid	8015B NM	18405
880-10891-24	S-8 (1-1.5')	Total/NA	Solid	8015B NM	18405
MB 880-18405/1-A	Method Blank	Total/NA	Solid	8015B NM	18405
LCS 880-18405/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18405
LCSD 880-18405/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18405
880-10891-21 MS	S-7 (1-1.5')	Total/NA	Solid	8015B NM	18405
880-10891-21 MSD	S-7 (1-1.5')	Total/NA	Solid	8015B NM	18405

Analysis Batch: 18646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-25	S-8 (2-2.5')	Total/NA	Solid	8015B NM	18560
MB 880-18560/1-A	Method Blank	Total/NA	Solid	8015B NM	18560
LCS 880-18560/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18560
LCSD 880-18560/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18560
880-10895-A-21-C MS	Matrix Spike	Total/NA	Solid	8015B NM	18560
880-10895-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18560

Analysis Batch: 18701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-25	S-8 (2-2.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 18777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-10891-2	S-1 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-3	S-1 (2-2.5')	Total/NA	Solid	8015 NM	
880-10891-4	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-10891-5	S-2 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-6	S-2 (2-2.5')	Total/NA	Solid	8015 NM	
880-10891-7	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-10891-8	S-3 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-9	S-3 (2-2.5')	Total/NA	Solid	8015 NM	
880-10891-10	S-3 (3-3.5')	Total/NA	Solid	8015 NM	
880-10891-11	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-10891-12	S-4 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-13	S-4 (2-2.5')	Total/NA	Solid	8015 NM	
880-10891-14	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-10891-15	S-5 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-16	S-5 (2-2.5')	Total/NA	Solid	8015 NM	
880-10891-17	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-10891-18	S-6 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-19	S-6 (2-2.5')	Total/NA	Solid	8015 NM	
880-10891-20	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-10891-21	S-7 (1-1.5')	Total/NA	Solid	8015 NM	
880-10891-22	S-7 (2-2.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 18777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-23	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-10891-24	S-8 (1-1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-10891-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-4	S-2 (0-1')	Soluble	Solid	DI Leach	
880-10891-5	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-6	S-2 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-7	S-3 (0-1')	Soluble	Solid	DI Leach	
880-10891-8	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-9	S-3 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-10	S-3 (3-3.5')	Soluble	Solid	DI Leach	
880-10891-11	S-4 (0-1')	Soluble	Solid	DI Leach	
880-10891-12	S-4 (1-1.5')	Soluble	Solid	DI Leach	
MB 880-18365/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18365/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18365/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10891-3 MS	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-3 MSD	S-1 (2-2.5')	Soluble	Solid	DI Leach	

Leach Batch: 18366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-13	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-14	S-5 (0-1')	Soluble	Solid	DI Leach	
880-10891-15	S-5 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-16	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-17	S-6 (0-1')	Soluble	Solid	DI Leach	
880-10891-18	S-6 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-19	S-6 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-20	S-7 (0-1')	Soluble	Solid	DI Leach	
880-10891-21	S-7 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-22	S-7 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-23	S-8 (0-1')	Soluble	Solid	DI Leach	
880-10891-24	S-8 (1-1.5')	Soluble	Solid	DI Leach	
880-10891-25	S-8 (2-2.5')	Soluble	Solid	DI Leach	
MB 880-18366/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18366/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18366/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10891-13 MS	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-13 MSD	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-10891-23 MS	S-8 (0-1')	Soluble	Solid	DI Leach	
880-10891-23 MSD	S-8 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 18601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-1	S-1 (0-1')	Soluble	Solid	300.0	18365

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 18601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-2	S-1 (1-1.5')	Soluble	Solid	300.0	18365
880-10891-3	S-1 (2-2.5')	Soluble	Solid	300.0	18365
880-10891-4	S-2 (0-1')	Soluble	Solid	300.0	18365
880-10891-5	S-2 (1-1.5')	Soluble	Solid	300.0	18365
880-10891-6	S-2 (2-2.5')	Soluble	Solid	300.0	18365
880-10891-7	S-3 (0-1')	Soluble	Solid	300.0	18365
880-10891-8	S-3 (1-1.5')	Soluble	Solid	300.0	18365
880-10891-9	S-3 (2-2.5')	Soluble	Solid	300.0	18365
880-10891-10	S-3 (3-3.5')	Soluble	Solid	300.0	18365
880-10891-11	S-4 (0-1')	Soluble	Solid	300.0	18365
880-10891-12	S-4 (1-1.5')	Soluble	Solid	300.0	18365
MB 880-18365/1-A	Method Blank	Soluble	Solid	300.0	18365
LCS 880-18365/2-A	Lab Control Sample	Soluble	Solid	300.0	18365
LCSD 880-18365/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18365
880-10891-3 MS	S-1 (2-2.5')	Soluble	Solid	300.0	18365
880-10891-3 MSD	S-1 (2-2.5')	Soluble	Solid	300.0	18365

Analysis Batch: 18602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10891-13	S-4 (2-2.5')	Soluble	Solid	300.0	18366
880-10891-14	S-5 (0-1')	Soluble	Solid	300.0	18366
880-10891-15	S-5 (1-1.5')	Soluble	Solid	300.0	18366
880-10891-16	S-5 (2-2.5')	Soluble	Solid	300.0	18366
880-10891-17	S-6 (0-1')	Soluble	Solid	300.0	18366
880-10891-18	S-6 (1-1.5')	Soluble	Solid	300.0	18366
880-10891-19	S-6 (2-2.5')	Soluble	Solid	300.0	18366
880-10891-20	S-7 (0-1')	Soluble	Solid	300.0	18366
880-10891-21	S-7 (1-1.5')	Soluble	Solid	300.0	18366
880-10891-22	S-7 (2-2.5')	Soluble	Solid	300.0	18366
880-10891-23	S-8 (0-1')	Soluble	Solid	300.0	18366
880-10891-24	S-8 (1-1.5')	Soluble	Solid	300.0	18366
880-10891-25	S-8 (2-2.5')	Soluble	Solid	300.0	18366
MB 880-18366/1-A	Method Blank	Soluble	Solid	300.0	18366
LCS 880-18366/2-A	Lab Control Sample	Soluble	Solid	300.0	18366
LCSD 880-18366/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18366
880-10891-13 MS	S-4 (2-2.5')	Soluble	Solid	300.0	18366
880-10891-13 MSD	S-4 (2-2.5')	Soluble	Solid	300.0	18366
880-10891-23 MS	S-8 (0-1')	Soluble	Solid	300.0	18366
880-10891-23 MSD	S-8 (0-1')	Soluble	Solid	300.0	18366

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-1
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 11:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/04/22 21:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		10			18601	02/05/22 00:03	CH	XEN MID

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

Lab Sample ID: 880-10891-2
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 12:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/04/22 22:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		5			18601	02/05/22 00:11	CH	XEN MID

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

Lab Sample ID: 880-10891-3
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 12:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/04/22 23:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		1			18601	02/05/22 00:18	CH	XEN MID

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

Lab Sample ID: 880-10891-4
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 12:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-4
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/04/22 23:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		10			18601	02/05/22 00:41	CH	XEN MID

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

Lab Sample ID: 880-10891-5
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 13:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/04/22 23:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		5			18601	02/05/22 00:49	CH	XEN MID

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

Lab Sample ID: 880-10891-6
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 13:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 00:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		1			18601	02/05/22 01:11	CH	XEN MID

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

Lab Sample ID: 880-10891-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 13:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 00:38	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		5			18601	02/05/22 01:19	CH	XEN MID

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

Lab Sample ID: 880-10891-8
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 14:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 00:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		1			18601	02/05/22 01:27	CH	XEN MID

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 880-10891-9
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 14:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 01:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		1			18601	02/05/22 01:34	CH	XEN MID

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

Lab Sample ID: 880-10891-10
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 14:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 01:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		1			18601	02/05/22 01:42	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-11

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 16:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 02:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		10			18601	02/05/22 01:49	CH	XEN MID

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

Lab Sample ID: 880-10891-12

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 16:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 02:40	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18365	02/02/22 11:58	CH	XEN MID
Soluble	Analysis	300.0		5			18601	02/05/22 01:57	CH	XEN MID

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

Lab Sample ID: 880-10891-13

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 16:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 03:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		1			18602	02/05/22 02:57	CH	XEN MID

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

Lab Sample ID: 880-10891-14

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 17:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-14
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 03:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 03:20	CH	XEN MID

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

Lab Sample ID: 880-10891-15
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 17:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 03:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 03:28	CH	XEN MID

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

Lab Sample ID: 880-10891-16
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 17:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18548	02/05/22 10:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 03:35	CH	XEN MID

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

Lab Sample ID: 880-10891-17
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 18:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 04:22	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-17
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		20			18602	02/05/22 03:43	CH	XEN MID

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

Lab Sample ID: 880-10891-18
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 18:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 04:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 04:05	CH	XEN MID

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

Lab Sample ID: 880-10891-19
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 18:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 05:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 04:13	CH	XEN MID

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

Lab Sample ID: 880-10891-20
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18359	02/02/22 11:43	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 19:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18593	02/04/22 13:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18354	02/02/22 11:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/05/22 05:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 04:20	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-21
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	18361	02/03/22 09:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18462	02/04/22 06:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18405	02/02/22 14:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18620	02/05/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		1			18602	02/05/22 04:28	CH	XEN MID

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

Lab Sample ID: 880-10891-22
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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	18464	02/03/22 09:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18466	02/04/22 00:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18405	02/02/22 14:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18620	02/05/22 14:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		1			18602	02/05/22 04:35	CH	XEN MID

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

Lab Sample ID: 880-10891-23
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18464	02/03/22 09:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18466	02/04/22 01:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18405	02/02/22 14:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18620	02/05/22 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		5			18602	02/05/22 04:43	CH	XEN MID

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

Lab Sample ID: 880-10891-24
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18464	02/03/22 09:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18466	02/04/22 01:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10891-24

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

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			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18405	02/02/22 14:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18620	02/05/22 14:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		1			18602	02/05/22 05:06	CH	XEN MID

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

Lab Sample ID: 880-10891-25

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Prep 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	18464	02/03/22 09:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18466	02/04/22 01:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18701	02/07/22 11:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18560	02/04/22 11:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18646	02/07/22 01:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18366	02/02/22 12:01	CH	XEN MID
Soluble	Analysis	300.0		1			18602	02/05/22 05:13	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: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	OII 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: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10891-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10891-1	S-1 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-2	S-1 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-3	S-1 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-4	S-2 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-5	S-2 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-6	S-2 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-7	S-3 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-8	S-3 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-9	S-3 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-10	S-3 (3-3.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-11	S-4 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-12	S-4 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-13	S-4 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-14	S-5 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-15	S-5 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-16	S-5 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-17	S-6 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-18	S-6 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-19	S-6 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-20	S-7 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-21	S-7 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-22	S-7 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-23	S-8 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-24	S-8 (1-1.5')	Solid	02/01/22 00:00	02/02/22 10:31
880-10891-25	S-8 (2-2.5')	Solid	02/01/22 00:00	02/02/22 10:31

Chain of Custody

V 880-10891 Chain of Custody

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@nglep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine	☑ Rush
Project Location	Eddy 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:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-1 (0-1')	2/1/2022		X		G	1		X	X	X		
S-1 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-1 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-2 (0-1')	2/1/2022		X		G	1		X	X	X		
S-2 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-2 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-3 (0-1')	2/1/2022		X		G	1		X	X	X		
S-3 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-3 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-3 (3-3.5')	2/1/2022		X		G	1		X	X	X		

Additoinal Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to 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 $85.00 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
1		2/2/22 1031	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Chain of Custody

Work Order No: 109891

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@nglep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine ☑ Rush	
Project Location	Eddy 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 N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-4 (0-1')	2/1/2022		X		G	1		X	X	X		
S-4 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-4 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-5 (0-1')	2/1/2022		X		G	1		X	X	X		
S-5 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-5 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-6 (0-1')	2/1/2022		X		G	1		X	X	X		
S-6 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-6 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-7 (0-1')	2/1/2022		X		G	1		X	X	X		

Additoinal Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to 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 $85.00 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
1		2/2/22	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Chain of Custody

Work Order No: 10891

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 ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine	☑ Rush
Project Location	Eddy 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 N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-7 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-7 (2-2.5')	2/1/2022		X		G	1		X	X	X		
S-8 (0-1')	2/1/2022		X		G	1		X	X	X		
S-8 (1-1.5')	2/1/2022		X		G	1		X	X	X		
S-8 (2-2.5')	2/1/2022		X		G	1		X	X	X		

Additoinal Comments:

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Conner Moehring		2/2/22	2		
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10888-1
Laboratory Sample Delivery Group: Eddy Co NM
Client Project/Site: Striker 2 SWD

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

Attn: Conner Moehring

JKramer

Authorized for release by:
2/7/2022 7:47:35 PM

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

Client: Carmona Resources
Project/Site: Striker 2 SWD

Laboratory Job ID: 880-10888-1
SDG: Eddy Co NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.
¤	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: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Job ID: 880-10888-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10888-1

Receipt
The samples were received on 2/2/2022 10:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18357 and analytical batch 880-18332 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-2 (0-1') (880-10888-2), H-7 (0-1') (880-10888-7), (880-10888-A-1-B MS) and (880-10888-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.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-1') (880-10888-1) and (880-10875-A-41-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-10889-A-1-A), (880-10889-A-1-B MS) and (880-10889-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 880-18364 and analytical batch 880-18600 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: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-1
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:31	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:31	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		02/02/22 11:37	02/03/22 01:31	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:31	1
Xylenes, Total	<0.00401	U F2 F1	0.00401		mg/Kg		02/02/22 11:37	02/03/22 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/02/22 11:37*	*02/03/22 01:31*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/02/22 11:37*	*02/03/22 01:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 15:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 15:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*02/02/22 11:18*	*02/03/22 15:22*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*02/02/22 11:18*	*02/03/22 15:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.0**	**F1**	5.00		mg/Kg			02/04/22 16:17	1

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

Lab Sample ID: 880-10888-2
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 01:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/02/22 11:37*	*02/03/22 01:52*	*1*
1,4-Difluorobenzene (Surr)	*192*	*S1+*	*70 - 130*	*02/02/22 11:37*	*02/03/22 01:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-2
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*02/02/22 11:18*	*02/03/22 15:43*	*1*
o-Terphenyl	*77*		*70 - 130*	*02/02/22 11:18*	*02/03/22 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.1**		5.00		mg/Kg			02/04/22 18:30	1

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

Lab Sample ID: 880-10888-3
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:37	02/03/22 02:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:37	02/03/22 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*02/02/22 11:37*	*02/03/22 02:12*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/02/22 11:37*	*02/03/22 02:12*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 16:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-3
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*02/02/22 11:18*	*02/03/22 16:04*	*1*
o-Terphenyl	*76*		*70 - 130*	*02/02/22 11:18*	*02/03/22 16:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.6**		4.95		mg/Kg			02/04/22 18:38	1

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

Lab Sample ID: 880-10888-4
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 02:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 02:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 02:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 02:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 02:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*02/02/22 11:37*	*02/03/22 02:33*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/02/22 11:37*	*02/03/22 02:33*	*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			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 16:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 16:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*02/02/22 11:18*	*02/03/22 16:24*	*1*
o-Terphenyl	*76*		*70 - 130*	*02/02/22 11:18*	*02/03/22 16:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.04		mg/Kg			02/04/22 18:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-5
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:37	02/03/22 02:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 02:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:37	02/03/22 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*02/02/22 11:37*	*02/03/22 02:53*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/02/22 11:37*	*02/03/22 02:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 16:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 16:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*02/02/22 11:18*	*02/03/22 16:46*	*1*
o-Terphenyl	*75*		*70 - 130*	*02/02/22 11:18*	*02/03/22 16:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.9**		5.01		mg/Kg			02/04/22 18:53	1

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

Lab Sample ID: 880-10888-6
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 03:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*02/02/22 11:37*	*02/03/22 03:13*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*02/02/22 11:37*	*02/03/22 03:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-6
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 17:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 17:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*02/02/22 11:18*	*02/03/22 17:06*	*1*
o-Terphenyl	*77*		*70 - 130*	*02/02/22 11:18*	*02/03/22 17:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.8**		4.98		mg/Kg			02/04/22 19:16	1

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

Lab Sample ID: 880-10888-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 03:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 03:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 03:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:37	02/03/22 03:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:37	02/03/22 03:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:37	02/03/22 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*02/02/22 11:37*	*02/03/22 03:34*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*02/02/22 11:37*	*02/03/22 03:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 17:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 17:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*02/02/22 11:18*	*02/03/22 17:26*	*1*
o-Terphenyl	*78*		*70 - 130*	*02/02/22 11:18*	*02/03/22 17:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.9**		4.99		mg/Kg			02/04/22 19:24	1

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

Lab Sample ID: 880-10888-8
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 03:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 03:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:37	02/03/22 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*02/02/22 11:37*	*02/03/22 03:54*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/02/22 11:37*	*02/03/22 03:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 17:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 17:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/02/22 11:18*	*02/03/22 17:47*	*1*
o-Terphenyl	*77*		*70 - 130*	*02/02/22 11:18*	*02/03/22 17:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.7**		4.97		mg/Kg			02/04/22 19:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-9
Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:37	02/03/22 04:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:37	02/03/22 04:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:37	02/03/22 04:15	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/02/22 11:37	02/03/22 04:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/02/22 11:37	02/03/22 04:15	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/02/22 11:37	02/03/22 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/02/22 11:37*	*02/03/22 04:15*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/02/22 11:37*	*02/03/22 04:15*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/07/22 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 18:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 18:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*02/02/22 11:18*	*02/03/22 18:08*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/02/22 11:18*	*02/03/22 18:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.1**		4.98		mg/Kg			02/04/22 19:39	1

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

Lab Sample ID: 880-10888-10
Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 04:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 04:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 04:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/02/22 11:37	02/03/22 04:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 04:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/02/22 11:37	02/03/22 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/02/22 11:37*	*02/03/22 04:35*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*02/02/22 11:37*	*02/03/22 04:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Lab Sample ID: 880-10888-10

Matrix: Solid

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			02/07/22 15:26	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			02/07/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/22 11:22	02/04/22 14:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:22	02/04/22 14:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:22	02/04/22 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/02/22 11:22*	*02/04/22 14:58*	*1*
o-Terphenyl	*79*		*70 - 130*	*02/02/22 11:22*	*02/04/22 14:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.4**		5.00		mg/Kg			02/04/22 19:46	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-10888-1	H-1 (0-1')	113	111										
880-10888-1 MS	H-1 (0-1')	190 S1+	69 S1-										
880-10888-1 MSD	H-1 (0-1')	463 S1+	168 S1+										
880-10888-2	H-2 (0-1')	98	192 S1+										
880-10888-3	H-3 (0-1')	120	89										
880-10888-4	H-4 (0-1')	122	102										
880-10888-5	H-5 (0-1')	123	105										
880-10888-6	H-6 (0-1')	129	120										
880-10888-7	H-7 (0-1')	120	68 S1-										
880-10888-8	H-8 (0-1')	116	111										
880-10888-9	H-9 (0-1')	112	93										
880-10888-10	H-10 (0-1')	109	123										
LCS 880-18357/1-A	Lab Control Sample	117	105										
LCSD 880-18357/2-A	Lab Control Sample Dup	105	96										
MB 880-18304/5-A	Method Blank	127	101										
MB 880-18357/5-A	Method Blank	121	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)										
880-10875-A-41-B MS	Matrix Spike	76	69 S1-										
880-10875-A-41-C MSD	Matrix Spike Duplicate	78	70										
880-10888-1	H-1 (0-1')	68 S1-	66 S1-										
880-10888-2	H-2 (0-1')	78	77										
880-10888-3	H-3 (0-1')	79	76										
880-10888-4	H-4 (0-1')	76	76										
880-10888-5	H-5 (0-1')	78	75										
880-10888-6	H-6 (0-1')	81	77										
880-10888-7	H-7 (0-1')	81	78										
880-10888-8	H-8 (0-1')	80	77										
880-10888-9	H-9 (0-1')	77	74										
880-10888-10	H-10 (0-1')	80	79										
880-10889-A-1-B MS	Matrix Spike	75	65 S1-										
880-10889-A-1-C MSD	Matrix Spike Duplicate	60 S1-	52 S1-										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Surrogate Summary

Client: Carmona Resources
Job ID: 880-10888-1
Project/Site: Striker 2 SWD
SDG: Eddy Co NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)								
LCS 880-18352/2-A	Lab Control Sample	84	75								
LCS 880-18353/2-A	Lab Control Sample	82	89								
LCSD 880-18352/3-A	Lab Control Sample Dup	90	91								
LCSD 880-18353/3-A	Lab Control Sample Dup	89	90								
MB 880-18352/1-A	Method Blank	81	85								
MB 880-18353/1-A	Method Blank	83	89								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18304/5-A
Matrix: Solid
Analysis Batch: 18332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/01/22 15:55	02/02/22 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/01/22 15:55	02/02/22 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/01/22 15:55	02/02/22 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/01/22 15:55	02/02/22 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/01/22 15:55	02/02/22 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/01/22 15:55	02/02/22 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*02/01/22 15:55*	*02/02/22 11:47*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/01/22 15:55*	*02/02/22 11:47*	*1*

Lab Sample ID: MB 880-18357/5-A
Matrix: Solid
Analysis Batch: 18332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 11:37	02/03/22 01:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*02/02/22 11:37*	*02/03/22 01:02*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/02/22 11:37*	*02/03/22 01:02*	*1*

Lab Sample ID: LCS 880-18357/1-A
Matrix: Solid
Analysis Batch: 18332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07153		mg/Kg		72	70 - 130
Toluene	0.100	0.08102		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08731		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1697		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08585		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-18357/2-A
Matrix: Solid
Analysis Batch: 18332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18357

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07533		mg/Kg		75	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-18357/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18332 — **Prep Batch: 18357**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene			0.100	0.07762		mg/Kg		78	70 - 130	4	35
Ethylbenzene			0.100	0.08103		mg/Kg		81	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.1566		mg/Kg		78	70 - 130	8	35
o-Xylene			0.100	0.07986		mg/Kg		80	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-10888-1 MS — **Client Sample ID: H-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18332 — **Prep Batch: 18357**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.0998	0.03095	F1	mg/Kg		31	70 - 130
Toluene	<0.00200	U F1	0.0998	0.1022		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08502		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.200	0.004369	F1	mg/Kg		2	70 - 130
o-Xylene	<0.00200	U F2 F1	0.0998	0.06315	F1	mg/Kg		63	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*190*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*

Lab Sample ID: 880-10888-1 MSD — **Client Sample ID: H-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18332 — **Prep Batch: 18357**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0994	0.07815	F2	mg/Kg		79	70 - 130	87	35
Toluene	<0.00200	U F1	0.0994	0.1459	F1	mg/Kg		147	70 - 130	35	35
Ethylbenzene	<0.00200	U	0.0994	0.1010		mg/Kg		102	70 - 130	17	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.01195	F2 F1	mg/Kg		6	70 - 130	93	35
o-Xylene	<0.00200	U F2 F1	0.0994	0.3480	F1 F2	mg/Kg		350	70 - 130	139	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*463*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*168*	*S1+*	*70 - 130*

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

Lab Sample ID: MB 880-18352/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18454 — **Prep Batch: 18352**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 09:12	1

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-18352/1-A
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 09:12	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 09:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*02/02/22 11:18*	*02/03/22 09:12*	*1*
o-Terphenyl	*85*		*70 - 130*	*02/02/22 11:18*	*02/03/22 09:12*	*1*

Lab Sample ID: LCS 880-18352/2-A
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18352

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	832.1		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1128		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: LCSD 880-18352/3-A
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18352

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	838.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1127		mg/Kg		113	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*90*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: 880-10875-A-41-B MS
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18352

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	787.0		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	952.6		mg/Kg		95	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*76*		*70 - 130*
o-Terphenyl	*69*	*S1-*	*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-A-41-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18454 — **Prep Batch: 18352**

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	798.6		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	971.6		mg/Kg		97	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*78*		*70 - 130*
o-Terphenyl	*70*		*70 - 130*

Lab Sample ID: MB 880-18353/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18353**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	229.5		50.0		mg/Kg		02/02/22 11:22	02/04/22 11:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:22	02/04/22 11:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:22	02/04/22 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*02/02/22 11:22*	*02/04/22 11:23*	*1*
o-Terphenyl	*89*		*70 - 130*	*02/02/22 11:22*	*02/04/22 11:23*	*1*

Lab Sample ID: LCS 880-18353/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18353**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1040		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1090		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*82*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: LCSD 880-18353/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18548 — **Prep Batch: 18353**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	995.4		mg/Kg		100	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	982.4		mg/Kg		98	70 - 130	10	20

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-18353/3-A
Matrix: Solid
Analysis Batch: 18548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18353

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-10889-A-1-B MS
Matrix: Solid
Analysis Batch: 18548

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1229		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F2	999	957.5		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: 880-10889-A-1-C MSD
Matrix: Solid
Analysis Batch: 18548

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	972.6	F2	mg/Kg		96	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	<49.9	U F2	999	764.6	F2	mg/Kg		77	70 - 130	22	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	52	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18364/1-A
Matrix: Solid
Analysis Batch: 18600

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/04/22 15:54	1

Lab Sample ID: LCS 880-18364/2-A
Matrix: Solid
Analysis Batch: 18600

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	274.0		mg/Kg		110	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-18364/3-A
Matrix: Solid
Analysis Batch: 18600

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	274.1		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-10888-1 MS
Matrix: Solid
Analysis Batch: 18600

Client Sample ID: H-1 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	18.0	F1	250	294.3	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-10888-1 MSD
Matrix: Solid
Analysis Batch: 18600

Client Sample ID: H-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	18.0	F1	250	285.7		mg/Kg		107	90 - 110	3	20

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

GC VOA

Prep Batch: 18304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18304/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 18332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Total/NA	Solid	8021B	18357
880-10888-2	H-2 (0-1')	Total/NA	Solid	8021B	18357
880-10888-3	H-3 (0-1')	Total/NA	Solid	8021B	18357
880-10888-4	H-4 (0-1')	Total/NA	Solid	8021B	18357
880-10888-5	H-5 (0-1')	Total/NA	Solid	8021B	18357
880-10888-6	H-6 (0-1')	Total/NA	Solid	8021B	18357
880-10888-7	H-7 (0-1')	Total/NA	Solid	8021B	18357
880-10888-8	H-8 (0-1')	Total/NA	Solid	8021B	18357
880-10888-9	H-9 (0-1')	Total/NA	Solid	8021B	18357
880-10888-10	H-10 (0-1')	Total/NA	Solid	8021B	18357
MB 880-18304/5-A	Method Blank	Total/NA	Solid	8021B	18304
MB 880-18357/5-A	Method Blank	Total/NA	Solid	8021B	18357
LCS 880-18357/1-A	Lab Control Sample	Total/NA	Solid	8021B	18357
LCSD 880-18357/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18357
880-10888-1 MS	H-1 (0-1')	Total/NA	Solid	8021B	18357
880-10888-1 MSD	H-1 (0-1')	Total/NA	Solid	8021B	18357

Prep Batch: 18357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Total/NA	Solid	5035	
880-10888-2	H-2 (0-1')	Total/NA	Solid	5035	
880-10888-3	H-3 (0-1')	Total/NA	Solid	5035	
880-10888-4	H-4 (0-1')	Total/NA	Solid	5035	
880-10888-5	H-5 (0-1')	Total/NA	Solid	5035	
880-10888-6	H-6 (0-1')	Total/NA	Solid	5035	
880-10888-7	H-7 (0-1')	Total/NA	Solid	5035	
880-10888-8	H-8 (0-1')	Total/NA	Solid	5035	
880-10888-9	H-9 (0-1')	Total/NA	Solid	5035	
880-10888-10	H-10 (0-1')	Total/NA	Solid	5035	
MB 880-18357/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18357/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18357/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10888-1 MS	H-1 (0-1')	Total/NA	Solid	5035	
880-10888-1 MSD	H-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 18770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-6	H-6 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-7	H-7 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-8	H-8 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-9	H-9 (0-1')	Total/NA	Solid	Total BTEX	
880-10888-10	H-10 (0-1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

GC Semi VOA

Prep Batch: 18352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-5	H-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-6	H-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-7	H-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-8	H-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-10888-9	H-9 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-18352/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18352/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18352/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10875-A-41-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10875-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 18353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-10	H-10 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-18353/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18353/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18353/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10889-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10889-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-2	H-2 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-3	H-3 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-4	H-4 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-5	H-5 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-6	H-6 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-7	H-7 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-8	H-8 (0-1')	Total/NA	Solid	8015B NM	18352
880-10888-9	H-9 (0-1')	Total/NA	Solid	8015B NM	18352
MB 880-18352/1-A	Method Blank	Total/NA	Solid	8015B NM	18352
LCS 880-18352/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18352
LCSD 880-18352/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18352
880-10875-A-41-B MS	Matrix Spike	Total/NA	Solid	8015B NM	18352
880-10875-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18352

Analysis Batch: 18540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-10888-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-10888-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-10888-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-10888-5	H-5 (0-1')	Total/NA	Solid	8015 NM	
880-10888-6	H-6 (0-1')	Total/NA	Solid	8015 NM	
880-10888-7	H-7 (0-1')	Total/NA	Solid	8015 NM	
880-10888-8	H-8 (0-1')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 18540 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-9	H-9 (0-1')	Total/NA	Solid	8015 NM	

Analysis Batch: 18548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-10	H-10 (0-1')	Total/NA	Solid	8015B NM	18353
MB 880-18353/1-A	Method Blank	Total/NA	Solid	8015B NM	18353
LCS 880-18353/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18353
LCSD 880-18353/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18353
880-10889-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	18353
880-10889-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18353

Analysis Batch: 18777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-10	H-10 (0-1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-10888-2	H-2 (0-1')	Soluble	Solid	DI Leach	
880-10888-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-10888-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-10888-5	H-5 (0-1')	Soluble	Solid	DI Leach	
880-10888-6	H-6 (0-1')	Soluble	Solid	DI Leach	
880-10888-7	H-7 (0-1')	Soluble	Solid	DI Leach	
880-10888-8	H-8 (0-1')	Soluble	Solid	DI Leach	
880-10888-9	H-9 (0-1')	Soluble	Solid	DI Leach	
880-10888-10	H-10 (0-1')	Soluble	Solid	DI Leach	
MB 880-18364/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18364/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18364/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10888-1 MS	H-1 (0-1')	Soluble	Solid	DI Leach	
880-10888-1 MSD	H-1 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 18600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1	H-1 (0-1')	Soluble	Solid	300.0	18364
880-10888-2	H-2 (0-1')	Soluble	Solid	300.0	18364
880-10888-3	H-3 (0-1')	Soluble	Solid	300.0	18364
880-10888-4	H-4 (0-1')	Soluble	Solid	300.0	18364
880-10888-5	H-5 (0-1')	Soluble	Solid	300.0	18364
880-10888-6	H-6 (0-1')	Soluble	Solid	300.0	18364
880-10888-7	H-7 (0-1')	Soluble	Solid	300.0	18364
880-10888-8	H-8 (0-1')	Soluble	Solid	300.0	18364
880-10888-9	H-9 (0-1')	Soluble	Solid	300.0	18364
880-10888-10	H-10 (0-1')	Soluble	Solid	300.0	18364
MB 880-18364/1-A	Method Blank	Soluble	Solid	300.0	18364
LCS 880-18364/2-A	Lab Control Sample	Soluble	Solid	300.0	18364
LCSD 880-18364/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18364
880-10888-1 MS	H-1 (0-1')	Soluble	Solid	300.0	18364

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 18600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10888-1 MSD	H-1 (0-1')	Soluble	Solid	300.0	18364

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-1
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 01:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 15:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 16:17	CH	XEN MID

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

Lab Sample ID: 880-10888-2
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 01:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 15:43	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 18:30	CH	XEN MID

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

Lab Sample ID: 880-10888-3
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 02:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 16:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 18:38	CH	XEN MID

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

Lab Sample ID: 880-10888-4
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 02:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-4

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

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			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 16:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 18:46	CH	XEN MID

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

Lab Sample ID: 880-10888-5

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 02:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 16:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 18:53	CH	XEN MID

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

Lab Sample ID: 880-10888-6

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 03:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 17:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 19:16	CH	XEN MID

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

Lab Sample ID: 880-10888-7

Date Collected: 02/01/22 00:00
Matrix: Solid
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 03:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 17:26	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10888-7
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 19:24	CH	XEN MID

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

Lab Sample ID: 880-10888-8
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 03:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 17:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 19:31	CH	XEN MID

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

Lab Sample ID: 880-10888-9
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

Prep 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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 04:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18540	02/03/22 18:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 18:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 19:39	CH	XEN MID

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

Lab Sample ID: 880-10888-10
Matrix: Solid
Date Collected: 02/01/22 00:00
Date Received: 02/02/22 10:31

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	18357	02/02/22 11:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 04:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18770	02/07/22 15:26	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18777	02/07/22 16:46	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18353	02/02/22 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18548	02/04/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18364	02/02/22 11:57	CH	XEN MID
Soluble	Analysis	300.0		1			18600	02/04/22 19:46	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	OII 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: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 880-10888-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10888-1	H-1 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-2	H-2 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-3	H-3 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-4	H-4 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-5	H-5 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-6	H-6 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-7	H-7 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-8	H-8 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-9	H-9 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31
880-10888-10	H-10 (0-1')	Solid	02/01/22 00:00	02/02/22 10:31

Chain of Custody

880-10888 Chain of Custody

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@nglep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine	☑ Rush
Project Location	Eddy 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:	189
Cooler Custody Seals:	Yes No N/A	Correction Factor:	0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
H-1 (0-1')	2/1/2022		X		G	1		X	X	X		
H-2 (0-1')	2/1/2022		X		G	1		X	X	X		
H-3 (0-1')	2/1/2022		X		G	1		X	X	X		
H-4 (0-1')	2/1/2022		X		G	1		X	X	X		
H-5 (0-1')	2/1/2022		X		G	1		X	X	X		
H-6 (0-1')	2/1/2022		X		G	1		X	X	X		
H-7 (0-1')	2/1/2022		X		G	1		X	X	X		
H-8 (0-1')	2/1/2022		X		G	1		X	X	X		
H-9 (0-1')	2/1/2022		X		G	1		X	X	X		
H-10 (0-1')	2/1/2022		X		G	1		X	X	X		

Additoinal Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Conner Moehring		2/2/22 1031	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-10888-1
SDG Number: Eddy Co NM

Login Number: 10888
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-10891-1
SDG Number: Eddy Co NM

Login Number: 10891
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	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-2143-1
Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Striker 2 SWD

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

Attn: Conner Moehring

JKramer

Authorized for release by:
4/1/2022 2:13:14 PM

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

Client: Carmona Resources
Project/Site: Striker 2 SWD

Laboratory Job ID: 890-2143-1
SDG: Eddy County NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Job ID: 890-2143-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2143-1

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: The laboratory control sample (LCS) associated with preparation batch 880-22509 and analytical batch 880-22605 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: T-2 3 (890-2143-10) at 100.0. Elevated reporting limits (RLs) are provided.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-22564 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: Surrogate recovery for the following samples were outside control limits: T-2 0-1 (890-2143-7), T-2 1 (890-2143-8), T-2 2 (890-2143-9), T-2 3 (890-2143-10), T-2 4 (890-2143-11) and T-2 5 (890-2143-12). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (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.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-2 3 (890-2143-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-1 0-1

Lab Sample ID: 890-2143-1
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 21:44	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		03/30/22 12:03	03/31/22 21:44	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		03/30/22 12:03	03/31/22 21:44	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		03/30/22 12:03	03/31/22 21:44	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		03/30/22 12:03	03/31/22 21:44	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		03/30/22 12:03	03/31/22 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/30/22 12:03*	*03/31/22 21:44*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*03/31/22 21:44*	*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			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**147**		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 09:06	03/30/22 12:13	1
Diesel Range Organics (Over C10-C28)	**147**	**F1**	49.9		mg/Kg		03/30/22 09:06	03/30/22 12:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/30/22 09:06*	*03/30/22 12:13*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/30/22 09:06*	*03/30/22 12:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12900**		250		mg/Kg			03/30/22 20:25	50

Client Sample ID: T-1 1

Lab Sample ID: 890-2143-2
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 22:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 22:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 22:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	03/31/22 22:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 22:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	03/31/22 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/30/22 12:03*	*03/31/22 22:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-1 1

Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 1

Lab Sample ID: 890-2143-2

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/30/22 12:03*	*03/31/22 22:04*	*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			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**174**		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 09:06	03/30/22 13:15	1
Diesel Range Organics (Over C10-C28)	**174**		49.9		mg/Kg		03/30/22 09:06	03/30/22 13:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*92*		*70 - 130*	*03/30/22 09:06*	*03/30/22 13:15*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/30/22 09:06*	*03/30/22 13:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12900**		248		mg/Kg			03/30/22 21:30	50

Client Sample ID: T-1 2

Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 2

Lab Sample ID: 890-2143-3

Matrix: Solid

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 12:03	03/31/22 22:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 22:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 22:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 12:03	03/31/22 22:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 22:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 12:03	03/31/22 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/30/22 12:03*	*03/31/22 22:25*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/30/22 12:03*	*03/31/22 22:25*	*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 10:09	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

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-1 2

Lab Sample ID: 890-2143-3
Matrix: Solid
Date Collected: 03/28/22 00:00
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 09:06	03/30/22 13:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 13:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/30/22 09:06*	*03/30/22 13:36*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/30/22 09:06*	*03/30/22 13:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		25.0		mg/Kg			03/30/22 21:51	5

Client Sample ID: T-1 3

Lab Sample ID: 890-2143-4
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 12:03	03/31/22 22:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:03	03/31/22 22:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:03	03/31/22 22:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 12:03	03/31/22 22:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:03	03/31/22 22:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 12:03	03/31/22 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/30/22 12:03*	*03/31/22 22:45*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*03/31/22 22:45*	*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 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		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	<49.7	U	49.7		mg/Kg		03/30/22 09:06	03/30/22 13:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/30/22 09:06	03/30/22 13:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/30/22 09:06	03/30/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/30/22 09:06*	*03/30/22 13:56*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/30/22 09:06*	*03/30/22 13:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-1 3

Lab Sample ID: 890-2143-4
Matrix: Solid
Date Collected: 03/28/22 00:00
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	541		24.8		mg/Kg			03/30/22 22:13	5

Client Sample ID: T-1 4

Lab Sample ID: 890-2143-5
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 23:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 23:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 23:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	03/31/22 23:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	03/31/22 23:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	03/31/22 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*03/31/22 23:06*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/30/22 12:03*	*03/31/22 23:06*	*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			03/31/22 10:09	1

Method: 8015 NM - Diesel 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 09:06	03/30/22 14:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 14:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*03/30/22 09:06*	*03/30/22 14:17*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/30/22 09:06*	*03/30/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		25.3		mg/Kg			03/30/22 22:35	5

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-1 5

Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 5

Lab Sample ID: 890-2143-6

Matrix: Solid

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 12:03	03/31/22 23:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 23:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 23:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 12:03	03/31/22 23:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 23:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 12:03	03/31/22 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*03/31/22 23:26*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*03/31/22 23:26*	*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 10:09	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 09:06	03/30/22 14:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 14:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/30/22 09:06*	*03/30/22 14:38*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/30/22 09:06*	*03/30/22 14:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		4.97		mg/Kg			03/30/22 23:40	1

Client Sample ID: T-2 0-1

Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 0 - 1

Lab Sample ID: 890-2143-7

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/30/22 12:03	03/31/22 23:47	1
Toluene	**0.00537**		0.00202		mg/Kg		03/30/22 12:03	03/31/22 23:47	1
Ethylbenzene	**0.0183**		0.00202		mg/Kg		03/30/22 12:03	03/31/22 23:47	1
m-Xylene & p-Xylene	**0.0726**		0.00404		mg/Kg		03/30/22 12:03	03/31/22 23:47	1
o-Xylene	**0.0434**		0.00202		mg/Kg		03/30/22 12:03	03/31/22 23:47	1
Xylenes, Total	**0.116**		0.00404		mg/Kg		03/30/22 12:03	03/31/22 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*274*	*S1+*	*70 - 130*	*03/30/22 12:03*	*03/31/22 23:47*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 0-1

Lab Sample ID: 890-2143-7
Matrix: Solid
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 0 - 1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/30/22 12:03*	*03/31/22 23:47*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.140**		0.00404		mg/Kg			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2070**		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	**61.6**		49.9		mg/Kg		03/30/22 09:06	03/30/22 14:58	1
Diesel Range Organics (Over C10-C28)	**2010**		49.9		mg/Kg		03/30/22 09:06	03/30/22 14:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/30/22 09:06*	*03/30/22 14:58*	*1*
o-Terphenyl	*108*		*70 - 130*	*03/30/22 09:06*	*03/30/22 14:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1460**		24.9		mg/Kg			03/31/22 00:02	5

Client Sample ID: T-2 1

Lab Sample ID: 890-2143-8
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 00:07	1
Toluene	**0.00690**		0.00198		mg/Kg		03/30/22 12:03	04/01/22 00:07	1
Ethylbenzene	**0.0119**		0.00198		mg/Kg		03/30/22 12:03	04/01/22 00:07	1
m-Xylene & p-Xylene	**0.0495**		0.00396		mg/Kg		03/30/22 12:03	04/01/22 00:07	1
o-Xylene	**0.0566**		0.00198		mg/Kg		03/30/22 12:03	04/01/22 00:07	1
Xylenes, Total	**0.106**		0.00396		mg/Kg		03/30/22 12:03	04/01/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*257*	*S1+*	*70 - 130*	*03/30/22 12:03*	*04/01/22 00:07*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/30/22 12:03*	*04/01/22 00:07*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.125**		0.00396		mg/Kg			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3310**		49.9		mg/Kg			03/31/22 08:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 1

Lab Sample ID: 890-2143-8
Matrix: Solid
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	116		49.9		mg/Kg		03/30/22 09:06	03/30/22 15:19	1
Diesel Range Organics (Over C10-C28)	3190		49.9		mg/Kg		03/30/22 09:06	03/30/22 15:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/30/22 09:06*	*03/30/22 15:19*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/30/22 09:06*	*03/30/22 15:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		25.0		mg/Kg			03/31/22 00:23	5

Client Sample ID: T-2 2

Lab Sample ID: 890-2143-9
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 12:03	04/01/22 00:28	1
Toluene	0.0122		0.00200		mg/Kg		03/30/22 12:03	04/01/22 00:28	1
Ethylbenzene	0.0272		0.00200		mg/Kg		03/30/22 12:03	04/01/22 00:28	1
m-Xylene & p-Xylene	0.0608		0.00401		mg/Kg		03/30/22 12:03	04/01/22 00:28	1
o-Xylene	0.0802		0.00200		mg/Kg		03/30/22 12:03	04/01/22 00:28	1
Xylenes, Total	0.141		0.00401		mg/Kg		03/30/22 12:03	04/01/22 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*03/30/22 12:03*	*04/01/22 00:28*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/30/22 12:03*	*04/01/22 00:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.180		0.00401		mg/Kg			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1980		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	64.1		50.0		mg/Kg		03/30/22 09:06	03/30/22 15:41	1
Diesel Range Organics (Over C10-C28)	1920		50.0		mg/Kg		03/30/22 09:06	03/30/22 15:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/30/22 09:06*	*03/30/22 15:41*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/30/22 09:06*	*03/30/22 15:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 2

Lab Sample ID: 890-2143-9
Matrix: Solid
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2240**		24.8		mg/Kg			03/31/22 00:45	5

Client Sample ID: T-2 3

Lab Sample ID: 890-2143-10
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 12:03	04/01/22 00:48	1
Toluene	**0.282**		0.00201		mg/Kg		03/30/22 12:03	04/01/22 00:48	1
Ethylbenzene	**1.70**		0.199		mg/Kg		04/01/22 07:45	04/01/22 13:23	100
m-Xylene & p-Xylene	**7.88**		0.398		mg/Kg		04/01/22 07:45	04/01/22 13:23	100
o-Xylene	**3.34**		0.199		mg/Kg		04/01/22 07:45	04/01/22 13:23	100
Xylenes, Total	**11.2**		0.398		mg/Kg		04/01/22 07:45	04/01/22 13:23	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*290*	*S1+*	*70 - 130*	*03/30/22 12:03*	*04/01/22 00:48*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/30/22 12:03*	*04/01/22 00:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**13.2**		0.398		mg/Kg			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8480**		250		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	**649**		250		mg/Kg		03/30/22 09:06	03/31/22 07:18	5
Diesel Range Organics (Over C10-C28)	**7830**		250		mg/Kg		03/30/22 09:06	03/31/22 07:18	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/30/22 09:06	03/31/22 07:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*183*	*S1+*	*70 - 130*	*03/30/22 09:06*	*03/31/22 07:18*	*5*
o-Terphenyl	*108*		*70 - 130*	*03/30/22 09:06*	*03/31/22 07:18*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1470**		24.8		mg/Kg			03/31/22 01:07	5

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 4

Lab Sample ID: 890-2143-11
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 02:11	1
Toluene	**0.0616**		0.00199		mg/Kg		03/30/22 12:03	04/01/22 02:11	1
Ethylbenzene	**0.136**		0.00199		mg/Kg		03/30/22 12:03	04/01/22 02:11	1
m-Xylene & p-Xylene	**0.586**		0.00398		mg/Kg		03/30/22 12:03	04/01/22 02:11	1
o-Xylene	**0.318**		0.00199		mg/Kg		03/30/22 12:03	04/01/22 02:11	1
Xylenes, Total	**0.904**		0.00398		mg/Kg		03/30/22 12:03	04/01/22 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*343*	*S1+*	*70 - 130*	*03/30/22 12:03*	*04/01/22 02:11*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/30/22 12:03*	*04/01/22 02:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.10**		0.00398		mg/Kg			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3030**		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	**193**		49.8		mg/Kg		03/30/22 09:06	03/30/22 16:43	1
Diesel Range Organics (Over C10-C28)	**2840**		49.8		mg/Kg		03/30/22 09:06	03/30/22 16:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/30/22 09:06*	*03/30/22 16:43*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/30/22 09:06*	*03/30/22 16:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1200**		25.2		mg/Kg			03/31/22 01:28	5

Client Sample ID: T-2 5

Lab Sample ID: 890-2143-12
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:32	1
Toluene	**0.0215**		0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:32	1
Ethylbenzene	**0.0606**		0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:32	1
m-Xylene & p-Xylene	**0.215**		0.00400		mg/Kg		03/30/22 12:03	04/01/22 02:32	1
o-Xylene	**0.197**		0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:32	1
Xylenes, Total	**0.412**		0.00400		mg/Kg		03/30/22 12:03	04/01/22 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*233*	*S1+*	*70 - 130*	*03/30/22 12:03*	*04/01/22 02:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 5

Lab Sample ID: 890-2143-12
Matrix: Solid
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/30/22 12:03*	*04/01/22 02:32*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.494**		0.00400		mg/Kg			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1720**		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	**131**		50.0		mg/Kg		03/30/22 09:06	03/30/22 17:04	1
Diesel Range Organics (Over C10-C28)	**1590**		50.0		mg/Kg		03/30/22 09:06	03/30/22 17:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/30/22 09:06*	*03/30/22 17:04*	*1*
o-Terphenyl	*111*		*70 - 130*	*03/30/22 09:06*	*03/30/22 17:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**971**		25.0		mg/Kg			03/31/22 02:33	5

Client Sample ID: T-2 6

Lab Sample ID: 890-2143-13
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 12:03	04/01/22 02:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/30/22 12:03	04/01/22 02:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	04/01/22 02:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/30/22 12:03	04/01/22 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*03/30/22 12:03*	*04/01/22 02:53*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*04/01/22 02:53*	*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			03/31/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**60.0**		49.8		mg/Kg			03/31/22 08:59	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 6

Lab Sample ID: 890-2143-13
Matrix: Solid
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 6

Method: 8015B 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 09:06	03/30/22 17:25	1
Diesel Range Organics (Over C10-C28)	**60.0**		49.8		mg/Kg		03/30/22 09:06	03/30/22 17:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/30/22 09:06*	*03/30/22 17:25*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/30/22 09:06*	*03/30/22 17:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		4.95		mg/Kg			03/31/22 02:55	1

Client Sample ID: T-2 7

Lab Sample ID: 890-2143-14
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 03:13	1
Toluene	**0.00491**		0.00198		mg/Kg		03/30/22 12:03	04/01/22 03:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 03:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/30/22 12:03	04/01/22 03:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 03:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/30/22 12:03	04/01/22 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/30/22 12:03*	*04/01/22 03:13*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/30/22 12:03*	*04/01/22 03:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00491**		0.00397		mg/Kg			03/31/22 10:09	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 09:06	03/30/22 17:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 17:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/30/22 09:06*	*03/30/22 17:46*	*1*
o-Terphenyl	*103*		*70 - 130*	*03/30/22 09:06*	*03/30/22 17:46*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 7

Lab Sample ID: 890-2143-14
Matrix: Solid
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28
Sample Depth: 7

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**599**		4.98		mg/Kg			03/31/22 04:00	1

Client Sample ID: T-2 8

Lab Sample ID: 890-2143-15
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 12:03	04/01/22 03:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	04/01/22 03:34	1
o-Xylene	**0.249**		0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:34	1
Xylenes, Total	**0.249**		0.00398		mg/Kg		03/30/22 12:03	04/01/22 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/30/22 12:03*	*04/01/22 03:34*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/30/22 12:03*	*04/01/22 03:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.249**		0.00398		mg/Kg			03/31/22 10:09	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 09:06	03/30/22 18:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 18:07	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/30/22 09:06*	*03/30/22 18:07*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/30/22 09:06*	*03/30/22 18:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**245**		5.00		mg/Kg			03/31/22 04:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-3 0-1

Lab Sample ID: 890-2143-16
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	04/01/22 03:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 03:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	04/01/22 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/30/22 12:03*	*04/01/22 03:54*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/30/22 12:03*	*04/01/22 03:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 10:09	1

Method: 8015 NM - Diesel 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 09:06	03/30/22 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 18:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/30/22 09:06*	*03/30/22 18:27*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/30/22 09:06*	*03/30/22 18:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3760**		49.6		mg/Kg			03/31/22 04:44	10

Client Sample ID: T-3 1

Lab Sample ID: 890-2143-17
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 04:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 04:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 04:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/30/22 12:03	04/01/22 04:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 12:03	04/01/22 04:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/30/22 12:03	04/01/22 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/30/22 12:03*	*04/01/22 04:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-3 1

Lab Sample ID: 890-2143-17

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)	*107*		*70 - 130*	*03/30/22 12:03*	*04/01/22 04:15*	*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 10:09	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 09:06	03/30/22 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 18:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 09:06	03/30/22 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*03/30/22 09:06*	*03/30/22 18:48*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/30/22 09:06*	*03/30/22 18:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4150**		50.0		mg/Kg			03/31/22 05:05	10

Client Sample ID: T-3 2

Lab Sample ID: 890-2143-18

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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 04:35	1
Toluene	**0.0161**		0.00199		mg/Kg		03/30/22 12:03	04/01/22 04:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 04:35	1
m-Xylene & p-Xylene	**0.00660**		0.00398		mg/Kg		03/30/22 12:03	04/01/22 04:35	1
o-Xylene	**0.0179**		0.00199		mg/Kg		03/30/22 12:03	04/01/22 04:35	1
Xylenes, Total	**0.0245**		0.00398		mg/Kg		03/30/22 12:03	04/01/22 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*03/30/22 12:03*	*04/01/22 04:35*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/30/22 12:03*	*04/01/22 04:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0406**		0.00398		mg/Kg			03/31/22 10:09	1

Method: 8015 NM - Diesel 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

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-3 2

Lab Sample ID: 890-2143-18
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 19:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 19:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/30/22 09:06*	*03/30/22 19:09*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/30/22 09:06*	*03/30/22 19:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2220**		24.8		mg/Kg			03/31/22 05:27	5

Client Sample ID: T-3 3

Lab Sample ID: 890-2143-19
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 12:03	04/01/22 04:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:03	04/01/22 04:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:03	04/01/22 04:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/30/22 12:03	04/01/22 04:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/30/22 12:03	04/01/22 04:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/30/22 12:03	04/01/22 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/30/22 12:03*	*04/01/22 04:56*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/30/22 12:03*	*04/01/22 04:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/22 10:09	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 09:06	03/30/22 19:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 19:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 09:06	03/30/22 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/30/22 09:06*	*03/30/22 19:30*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/30/22 09:06*	*03/30/22 19:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-3 3

Lab Sample ID: 890-2143-19
Matrix: Solid
Date Collected: 03/28/22 00:00
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	1020		25.1		mg/Kg			03/31/22 05:49	5

Client Sample ID: T-3 4

Lab Sample ID: 890-2143-20
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 05:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 05:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 05:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	04/01/22 05:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 12:03	04/01/22 05:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 12:03	04/01/22 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/30/22 12:03*	*04/01/22 05:16*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/30/22 12:03*	*04/01/22 05:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/22 10:09	1

Method: 8015 NM - Diesel 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 09:06	03/30/22 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 19:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/30/22 09:06*	*03/30/22 19:51*	*1*
o-Terphenyl	*105*		*70 - 130*	*03/30/22 09:06*	*03/30/22 19:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		4.97		mg/Kg			03/31/22 06:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-4 0-1

Lab Sample ID: 890-2143-21
Matrix: Solid
Date Collected: 03/28/22 00:00
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 07:30	03/30/22 16:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 07:30	03/30/22 16:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 07:30	03/30/22 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/30/22 07:30*	*03/30/22 16:45*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/30/22 07:30*	*03/30/22 16:45*	*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			03/31/22 10:09	1

Method: 8015 NM - Diesel 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 17:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 17:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/30/22 14:43*	*03/30/22 17:36*	*1*
o-Terphenyl	*115*		*70 - 130*	*03/30/22 14:43*	*03/30/22 17:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3280**		49.9		mg/Kg			03/31/22 10:40	10

Client Sample ID: T-4 1

Lab Sample ID: 890-2143-22
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 07:30	03/30/22 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 17:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/30/22 07:30	03/30/22 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 17:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/30/22 07:30	03/30/22 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/30/22 07:30*	*03/30/22 17:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-4 1

Lab Sample ID: 890-2143-22
Matrix: Solid
Date Collected: 03/28/22 00:00
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)	*92*		*70 - 130*	*03/30/22 07:30*	*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	<0.00401	U	0.00401		mg/Kg			03/31/22 10:09	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 18:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 18:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*112*		*70 - 130*	*03/30/22 14:43*	*03/30/22 18:39*	*1*
o-Terphenyl	*115*		*70 - 130*	*03/30/22 14:43*	*03/30/22 18:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3210**		49.8		mg/Kg			03/31/22 11:07	10

Client Sample ID: T-4 2

Lab Sample ID: 890-2143-23
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00199	U *+	0.00199		mg/Kg		03/30/22 07:30	03/30/22 17:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/30/22 07:30	03/30/22 17:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/30/22 07:30	03/30/22 17:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/30/22 07:30	03/30/22 17:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/30/22 07:30	03/30/22 17:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/30/22 07:30	03/30/22 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/30/22 07:30*	*03/30/22 17:38*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/30/22 07:30*	*03/30/22 17:38*	*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 10:09	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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-4 2

Lab Sample ID: 890-2143-23
Matrix: Solid
Date Collected: 03/28/22 00:00
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 19:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 19:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*03/30/22 14:43*	*03/30/22 19:00*	*1*
o-Terphenyl	*125*		*70 - 130*	*03/30/22 14:43*	*03/30/22 19:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**677**		25.0		mg/Kg			03/31/22 11:16	5

Client Sample ID: T-4 3

Lab Sample ID: 890-2143-24
Matrix: Solid
Date Collected: 03/28/22 00:00
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	<0.00198	U *+	0.00198		mg/Kg		03/30/22 07:30	03/30/22 18:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/22 07:30	03/30/22 18:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/22 07:30	03/30/22 18:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/30/22 07:30	03/30/22 18:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/22 07:30	03/30/22 18:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/30/22 07:30	03/30/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/30/22 07:30*	*03/30/22 18:05*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/30/22 07:30*	*03/30/22 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			03/31/22 10:09	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 19:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 19:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/22 14:43	03/30/22 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*03/30/22 14:43*	*03/30/22 19:21*	*1*
o-Terphenyl	*130*		*70 - 130*	*03/30/22 14:43*	*03/30/22 19:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-4 3

Lab Sample ID: 890-2143-24
Matrix: Solid
Date Collected: 03/28/22 00:00
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	958		24.9		mg/Kg			03/31/22 11:25	5

Client Sample ID: T-4 4

Lab Sample ID: 890-2143-25
Matrix: Solid
Date Collected: 03/28/22 00:00
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		03/30/22 07:30	03/30/22 18:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 18:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 18:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 07:30	03/30/22 18:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 18:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 07:30	03/30/22 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/30/22 07:30*	*03/30/22 18:32*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/30/22 07:30*	*03/30/22 18:32*	*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			03/31/22 10:09	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 19:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 19:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/22 14:43	03/30/22 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/30/22 14:43*	*03/30/22 19:42*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/30/22 14:43*	*03/30/22 19:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		4.95		mg/Kg			03/31/22 11:34	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy 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)										
880-13049-A-19-G MS	Matrix Spike	106	112										
880-13049-A-19-H MSD	Matrix Spike Duplicate	104	111										
890-2143-1	T-1 0-1	105	108										
890-2143-1 MS	T-1 0-1	107	110										
890-2143-1 MSD	T-1 0-1	105	110										
890-2143-2	T-1 1	103	107										
890-2143-3	T-1 2	106	107										
890-2143-4	T-1 3	105	108										
890-2143-5	T-1 4	108	109										
890-2143-6	T-1 5	108	108										
890-2143-7	T-2 0-1	274 S1+	99										
890-2143-8	T-2 1	257 S1+	94										
890-2143-9	T-2 2	169 S1+	103										
890-2143-10	T-2 3	290 S1+	86										
890-2143-11	T-2 4	343 S1+	101										
890-2143-12	T-2 5	233 S1+	102										
890-2143-13	T-2 6	115	108										
890-2143-14	T-2 7	116	111										
890-2143-15	T-2 8	103	99										
890-2143-16	T-3 0-1	108	109										
890-2143-17	T-3 1	109	107										
890-2143-18	T-3 2	74	110										
890-2143-19	T-3 3	111	110										
890-2143-20	T-3 4	109	109										
890-2143-21	T-4 0-1	102	94										
890-2143-21 MS	T-4 0-1	108	100										
890-2143-21 MSD	T-4 0-1	107	101										
890-2143-22	T-4 1	107	92										
890-2143-23	T-4 2	107	92										
890-2143-24	T-4 3	92	90										
890-2143-25	T-4 4	103	94										
LCS 880-22509/1-A	Lab Control Sample	104	106										
LCS 880-22564/1-A	Lab Control Sample	105	112										
LCS 880-22727/1-A	Lab Control Sample	102	109										
LCSD 880-22509/2-A	Lab Control Sample Dup	110	105										
LCSD 880-22564/2-A	Lab Control Sample Dup	103	110										
LCSD 880-22727/2-A	Lab Control Sample Dup	103	109										
MB 880-22509/5-A	Method Blank	69 S1-	90										
MB 880-22564/5-A	Method Blank	103	102										
MB 880-22613/5-A	Method Blank	104	103										
MB 880-22727/5-A	Method Blank	105	103										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County 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)
890-2143-1	T-1 0-1	90	104
890-2143-1 MS	T-1 0-1	99	106
890-2143-1 MSD	T-1 0-1	99	113
890-2143-2	T-1 1	92	101
890-2143-3	T-1 2	94	101
890-2143-4	T-1 3	92	102
890-2143-5	T-1 4	83	99
890-2143-6	T-1 5	92	100
890-2143-7	T-2 0-1	98	108
890-2143-8	T-2 1	102	113
890-2143-9	T-2 2	96	110
890-2143-10	T-2 3	183 S1+	108
890-2143-11	T-2 4	97	98
890-2143-12	T-2 5	99	111
890-2143-13	T-2 6	93	101
890-2143-14	T-2 7	93	103
890-2143-15	T-2 8	92	102
890-2143-16	T-3 0-1	91	99
890-2143-17	T-3 1	88	95
890-2143-18	T-3 2	95	107
890-2143-19	T-3 3	93	104
890-2143-20	T-3 4	96	105
890-2143-21	T-4 0-1	111	115
890-2143-21 MS	T-4 0-1	148 S1+	139 S1+
890-2143-21 MSD	T-4 0-1	145 S1+	135 S1+
890-2143-22	T-4 1	112	115
890-2143-23	T-4 2	125	125
890-2143-24	T-4 3	128	130
890-2143-25	T-4 4	111	113
LCS 880-22659/2-A	Lab Control Sample	103	93
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 880-22615/2-A	Lab Control Sample	83	92
LCSD 880-22615/3-A	Lab Control Sample Dup	84	96
MB 880-22615/1-A	Method Blank	104	119

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-22509/5-A
Matrix: Solid
Analysis Batch: 22605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 07:30	03/30/22 16:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 07:30	03/30/22 16:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 07:30	03/30/22 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*03/30/22 07:30*	*03/30/22 16:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/30/22 07:30*	*03/30/22 16:18*	*1*

Lab Sample ID: LCS 880-22509/1-A
Matrix: Solid
Analysis Batch: 22605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1274		mg/Kg		127	70 - 130
Toluene	0.100	0.1136		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2096		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1059		mg/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-22509/2-A
Matrix: Solid
Analysis Batch: 22605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 22509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1347	*+	mg/Kg		135	70 - 130	6	35
Toluene	0.100	0.1207		mg/Kg		121	70 - 130	6	35
Ethylbenzene	0.100	0.1119		mg/Kg		112	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2287		mg/Kg		114	70 - 130	9	35
o-Xylene	0.100	0.1174		mg/Kg		117	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-2143-21 MS
Matrix: Solid
Analysis Batch: 22605

Client Sample ID: T-4 0-1
Prep Type: Total/NA
Prep Batch: 22509

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U *+	0.100	0.1253		mg/Kg		125	70 - 130
Toluene	<0.00200	U	0.100	0.1113		mg/Kg		111	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

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

Lab Sample ID: 890-2143-21 MS
Matrix: Solid
Analysis Batch: 22605

Client Sample ID: T-4 0-1
Prep Type: Total/NA
Prep Batch: 22509

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.201	0.2034		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1022		mg/Kg		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-2143-21 MSD
Matrix: Solid
Analysis Batch: 22605

Client Sample ID: T-4 0-1
Prep Type: Total/NA
Prep Batch: 22509

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	0.1078		mg/Kg		108	70 - 130	15	35
Toluene	<0.00200	U	0.0998	0.1014		mg/Kg		102	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.0998	0.09084		mg/Kg		91	70 - 130	11	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1846		mg/Kg		93	70 - 130	10	35
o-Xylene	<0.00200	U	0.0998	0.09307		mg/Kg		93	70 - 130	9	35

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

Lab Sample ID: MB 880-22564/5-A
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 21:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 21:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 21:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/22 12:03	03/31/22 21:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/22 12:03	03/31/22 21:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/22 12:03	03/31/22 21:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/30/22 12:03*	*03/31/22 21:22*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/30/22 12:03*	*03/31/22 21:22*	*1*

Lab Sample ID: LCS 880-22564/1-A
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09591		mg/Kg		96	70 - 130
Toluene	0.100	0.09471		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09586		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1986		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-22564/1-A
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22564

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			0.100	0.09808		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 880-22564/2-A
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 22564

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09875		mg/Kg		99	70 - 130	3	35
Toluene			0.100	0.09794		mg/Kg		98	70 - 130	3	35
Ethylbenzene			0.100	0.09903		mg/Kg		99	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2053		mg/Kg		103	70 - 130	3	35
o-Xylene			0.100	0.1019		mg/Kg		102	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-2143-1 MS
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: T-1 0-1
Prep Type: Total/NA
Prep Batch: 22564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00199	U	0.0992	0.08322		mg/Kg		84	70 - 130		
Toluene	<0.00199	U F1	0.0992	0.07693		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00199	U F1	0.0992	0.06923		mg/Kg		70	70 - 130		
m-Xylene & p-Xylene	<0.00398	U F1	0.198	0.1383		mg/Kg		70	70 - 130		
o-Xylene	<0.00199	U F1	0.0992	0.06777	F1	mg/Kg		68	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-2143-1 MSD
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: T-1 0-1
Prep Type: Total/NA
Prep Batch: 22564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.07476		mg/Kg		74	70 - 130	11	35
Toluene	<0.00199	U F1	0.101	0.06921	F1	mg/Kg		68	70 - 130	11	35
Ethylbenzene	<0.00199	U F1	0.101	0.06237	F1	mg/Kg		62	70 - 130	10	35
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.1271	F1	mg/Kg		63	70 - 130	8	35
o-Xylene	<0.00199	U F1	0.101	0.06416	F1	mg/Kg		64	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

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

Lab Sample ID: 890-2143-1 MSD
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: T-1 0-1
Prep Type: Total/NA
Prep Batch: 22564

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-22613/5-A
Matrix: Solid
Analysis Batch: 22684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22613

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

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

Lab Sample ID: MB 880-22727/5-A
Matrix: Solid
Analysis Batch: 22759

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22727

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/22 07:45	04/01/22 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/22 07:45	04/01/22 10:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/01/22 07:45	04/01/22 10:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/01/22 07:45	04/01/22 10:58	1

Lab Sample ID: LCS 880-22727/1-A
Matrix: Solid
Analysis Batch: 22759

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09423		mg/Kg		94	70 - 130
Toluene	0.100	0.09461		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09788		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2019		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09912		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-22727/1-A
Matrix: Solid
Analysis Batch: 22759

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22727

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-22727/2-A
Matrix: Solid
Analysis Batch: 22759

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 22727

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09219		mg/Kg		92	70 - 130	2	35
Toluene			0.100	0.09207		mg/Kg		92	70 - 130	3	35
Ethylbenzene			0.100	0.09579		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1985		mg/Kg		99	70 - 130	2	35
o-Xylene			0.100	0.09655		mg/Kg		97	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-13049-A-19-G MS
Matrix: Solid
Analysis Batch: 22759

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 22727

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U	0.0998	0.1005		mg/Kg		101	70 - 130		
Toluene	<0.00200	U	0.0998	0.09910		mg/Kg		98	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.1035		mg/Kg		103	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2118		mg/Kg		105	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.1035		mg/Kg		103	70 - 130		

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

Lab Sample ID: 880-13049-A-19-H MSD
Matrix: Solid
Analysis Batch: 22759

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 22727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.1111		mg/Kg		112	70 - 130	10	35
Toluene	<0.00200	U	0.0996	0.1103		mg/Kg		110	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0996	0.1148		mg/Kg		114	70 - 130	10	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2348		mg/Kg		117	70 - 130	10	35
o-Xylene	<0.00200	U	0.0996	0.1152		mg/Kg		115	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-22615/1-A
Matrix: Solid
Analysis Batch: 22610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22615

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 09:06	03/30/22 11:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 11:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 09:06	03/30/22 11:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/30/22 09:06*	*03/30/22 11:12*	*1*
o-Terphenyl	*119*		*70 - 130*	*03/30/22 09:06*	*03/30/22 11:12*	*1*

Lab Sample ID: LCS 880-22615/2-A
Matrix: Solid
Analysis Batch: 22610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22615

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	988.2		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	723.8		mg/Kg		72	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*83*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: LCSD 880-22615/3-A
Matrix: Solid
Analysis Batch: 22610

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 22615

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	970.8		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	753.5		mg/Kg		75	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: 890-2143-1 MS
Matrix: Solid
Analysis Batch: 22610

Client Sample ID: T-1 0-1
Prep Type: Total/NA
Prep Batch: 22615

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	998	786.5		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)	147	F1	998	758.4	F1	mg/Kg		61	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

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

Lab Sample ID: 890-2143-1 MS
Matrix: Solid
Analysis Batch: 22610

Client Sample ID: T-1 0-1
Prep Type: Total/NA
Prep Batch: 22615

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-2143-1 MSD
Matrix: Solid
Analysis Batch: 22610

Client Sample ID: T-1 0-1
Prep Type: Total/NA
Prep Batch: 22615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	784.1		mg/Kg		76	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	147	F1	996	796.7	F1	mg/Kg		65	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	113		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
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/22 14:43	03/30/22 16:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	93		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County 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: 890-2143-21 MS
Matrix: Solid
Analysis Batch: 22606

Client Sample ID: T-4 0-1
Prep Type: Total/NA
Prep Batch: 22659

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: 890-2143-21 MSD
Matrix: Solid
Analysis Batch: 22606

Client Sample ID: T-4 0-1
Prep Type: Total/NA
Prep Batch: 22659

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	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

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*135*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-22565/1-A
Matrix: Solid
Analysis Batch: 22676

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			03/30/22 19:20	1

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-22565/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22676

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	247.6		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-22565/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22676

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	250.3		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-2143-1 MS — **Client Sample ID: T-1 0-1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	12900		12500	26350		mg/Kg		108	90 - 110		

Lab Sample ID: 890-2143-1 MSD — **Client Sample ID: T-1 0-1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22676

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12900		12500	26100		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-2143-11 MS — **Client Sample ID: T-2 4**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1200		1260	2534		mg/Kg		106	90 - 110		

Lab Sample ID: 890-2143-11 MSD — **Client Sample ID: T-2 4**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22676

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1200		1260	2511		mg/Kg		104	90 - 110	1	20

Lab Sample ID: MB 880-22581/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22723

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

Lab Sample ID: LCS 880-22581/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 22723

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	244.7		mg/Kg		98	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

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: 890-2143-21 MS
Matrix: Solid
Analysis Batch: 22723

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	3280		2500	5786		mg/Kg		100	90 - 110

Lab Sample ID: 890-2143-21 MSD
Matrix: Solid
Analysis Batch: 22723

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	3280		2500	5518		mg/Kg		90	90 - 110	5	20

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

GC VOA

Prep Batch: 22509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-21	T-4 0-1	Total/NA	Solid	5035	
890-2143-22	T-4 1	Total/NA	Solid	5035	
890-2143-23	T-4 2	Total/NA	Solid	5035	
890-2143-24	T-4 3	Total/NA	Solid	5035	
890-2143-25	T-4 4	Total/NA	Solid	5035	
MB 880-22509/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22509/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22509/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2143-21 MS	T-4 0-1	Total/NA	Solid	5035	
890-2143-21 MSD	T-4 0-1	Total/NA	Solid	5035	

Prep Batch: 22564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Total/NA	Solid	5035	
890-2143-2	T-1 1	Total/NA	Solid	5035	
890-2143-3	T-1 2	Total/NA	Solid	5035	
890-2143-4	T-1 3	Total/NA	Solid	5035	
890-2143-5	T-1 4	Total/NA	Solid	5035	
890-2143-6	T-1 5	Total/NA	Solid	5035	
890-2143-7	T-2 0-1	Total/NA	Solid	5035	
890-2143-8	T-2 1	Total/NA	Solid	5035	
890-2143-9	T-2 2	Total/NA	Solid	5035	
890-2143-10	T-2 3	Total/NA	Solid	5035	
890-2143-11	T-2 4	Total/NA	Solid	5035	
890-2143-12	T-2 5	Total/NA	Solid	5035	
890-2143-13	T-2 6	Total/NA	Solid	5035	
890-2143-14	T-2 7	Total/NA	Solid	5035	
890-2143-15	T-2 8	Total/NA	Solid	5035	
890-2143-16	T-3 0-1	Total/NA	Solid	5035	
890-2143-17	T-3 1	Total/NA	Solid	5035	
890-2143-18	T-3 2	Total/NA	Solid	5035	
890-2143-19	T-3 3	Total/NA	Solid	5035	
890-2143-20	T-3 4	Total/NA	Solid	5035	
MB 880-22564/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22564/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22564/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2143-1 MS	T-1 0-1	Total/NA	Solid	5035	
890-2143-1 MSD	T-1 0-1	Total/NA	Solid	5035	

Analysis Batch: 22605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-21	T-4 0-1	Total/NA	Solid	8021B	22509
890-2143-22	T-4 1	Total/NA	Solid	8021B	22509
890-2143-23	T-4 2	Total/NA	Solid	8021B	22509
890-2143-24	T-4 3	Total/NA	Solid	8021B	22509
890-2143-25	T-4 4	Total/NA	Solid	8021B	22509
MB 880-22509/5-A	Method Blank	Total/NA	Solid	8021B	22509
LCS 880-22509/1-A	Lab Control Sample	Total/NA	Solid	8021B	22509
LCSD 880-22509/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22509
890-2143-21 MS	T-4 0-1	Total/NA	Solid	8021B	22509
890-2143-21 MSD	T-4 0-1	Total/NA	Solid	8021B	22509

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

GC VOA

Prep Batch: 22613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-22613/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 22684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Total/NA	Solid	8021B	22564
890-2143-2	T-1 1	Total/NA	Solid	8021B	22564
890-2143-3	T-1 2	Total/NA	Solid	8021B	22564
890-2143-4	T-1 3	Total/NA	Solid	8021B	22564
890-2143-5	T-1 4	Total/NA	Solid	8021B	22564
890-2143-6	T-1 5	Total/NA	Solid	8021B	22564
890-2143-7	T-2 0-1	Total/NA	Solid	8021B	22564
890-2143-8	T-2 1	Total/NA	Solid	8021B	22564
890-2143-9	T-2 2	Total/NA	Solid	8021B	22564
890-2143-10	T-2 3	Total/NA	Solid	8021B	22564
890-2143-11	T-2 4	Total/NA	Solid	8021B	22564
890-2143-12	T-2 5	Total/NA	Solid	8021B	22564
890-2143-13	T-2 6	Total/NA	Solid	8021B	22564
890-2143-14	T-2 7	Total/NA	Solid	8021B	22564
890-2143-15	T-2 8	Total/NA	Solid	8021B	22564
890-2143-16	T-3 0-1	Total/NA	Solid	8021B	22564
890-2143-17	T-3 1	Total/NA	Solid	8021B	22564
890-2143-18	T-3 2	Total/NA	Solid	8021B	22564
890-2143-19	T-3 3	Total/NA	Solid	8021B	22564
890-2143-20	T-3 4	Total/NA	Solid	8021B	22564
MB 880-22564/5-A	Method Blank	Total/NA	Solid	8021B	22564
MB 880-22613/5-A	Method Blank	Total/NA	Solid	8021B	22613
LCS 880-22564/1-A	Lab Control Sample	Total/NA	Solid	8021B	22564
LCSD 880-22564/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22564
890-2143-1 MS	T-1 0-1	Total/NA	Solid	8021B	22564
890-2143-1 MSD	T-1 0-1	Total/NA	Solid	8021B	22564

Analysis Batch: 22716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Total/NA	Solid	Total BTEX	
890-2143-2	T-1 1	Total/NA	Solid	Total BTEX	
890-2143-3	T-1 2	Total/NA	Solid	Total BTEX	
890-2143-4	T-1 3	Total/NA	Solid	Total BTEX	
890-2143-5	T-1 4	Total/NA	Solid	Total BTEX	
890-2143-6	T-1 5	Total/NA	Solid	Total BTEX	
890-2143-7	T-2 0-1	Total/NA	Solid	Total BTEX	
890-2143-8	T-2 1	Total/NA	Solid	Total BTEX	
890-2143-9	T-2 2	Total/NA	Solid	Total BTEX	
890-2143-10	T-2 3	Total/NA	Solid	Total BTEX	
890-2143-11	T-2 4	Total/NA	Solid	Total BTEX	
890-2143-12	T-2 5	Total/NA	Solid	Total BTEX	
890-2143-13	T-2 6	Total/NA	Solid	Total BTEX	
890-2143-14	T-2 7	Total/NA	Solid	Total BTEX	
890-2143-15	T-2 8	Total/NA	Solid	Total BTEX	
890-2143-16	T-3 0-1	Total/NA	Solid	Total BTEX	
890-2143-17	T-3 1	Total/NA	Solid	Total BTEX	
890-2143-18	T-3 2	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 22716 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-19	T-3 3	Total/NA	Solid	Total BTEX	
890-2143-20	T-3 4	Total/NA	Solid	Total BTEX	
890-2143-21	T-4 0-1	Total/NA	Solid	Total BTEX	
890-2143-22	T-4 1	Total/NA	Solid	Total BTEX	
890-2143-23	T-4 2	Total/NA	Solid	Total BTEX	
890-2143-24	T-4 3	Total/NA	Solid	Total BTEX	
890-2143-25	T-4 4	Total/NA	Solid	Total BTEX	

Prep Batch: 22727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-10	T-2 3	Total/NA	Solid	5035	
MB 880-22727/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22727/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22727/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13049-A-19-G MS	Matrix Spike	Total/NA	Solid	5035	
880-13049-A-19-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 22759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-10	T-2 3	Total/NA	Solid	8021B	22727
MB 880-22727/5-A	Method Blank	Total/NA	Solid	8021B	22727
LCS 880-22727/1-A	Lab Control Sample	Total/NA	Solid	8021B	22727
LCSD 880-22727/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22727
880-13049-A-19-G MS	Matrix Spike	Total/NA	Solid	8021B	22727
880-13049-A-19-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	22727

GC Semi VOA

Analysis Batch: 22606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-21	T-4 0-1	Total/NA	Solid	8015B NM	22659
890-2143-22	T-4 1	Total/NA	Solid	8015B NM	22659
890-2143-23	T-4 2	Total/NA	Solid	8015B NM	22659
890-2143-24	T-4 3	Total/NA	Solid	8015B NM	22659
890-2143-25	T-4 4	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
890-2143-21 MS	T-4 0-1	Total/NA	Solid	8015B NM	22659
890-2143-21 MSD	T-4 0-1	Total/NA	Solid	8015B NM	22659

Analysis Batch: 22610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Total/NA	Solid	8015B NM	22615
890-2143-2	T-1 1	Total/NA	Solid	8015B NM	22615
890-2143-3	T-1 2	Total/NA	Solid	8015B NM	22615
890-2143-4	T-1 3	Total/NA	Solid	8015B NM	22615
890-2143-5	T-1 4	Total/NA	Solid	8015B NM	22615
890-2143-6	T-1 5	Total/NA	Solid	8015B NM	22615
890-2143-7	T-2 0-1	Total/NA	Solid	8015B NM	22615
890-2143-8	T-2 1	Total/NA	Solid	8015B NM	22615

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 22610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-9	T-2 2	Total/NA	Solid	8015B NM	22615
890-2143-10	T-2 3	Total/NA	Solid	8015B NM	22615
890-2143-11	T-2 4	Total/NA	Solid	8015B NM	22615
890-2143-12	T-2 5	Total/NA	Solid	8015B NM	22615
890-2143-13	T-2 6	Total/NA	Solid	8015B NM	22615
890-2143-14	T-2 7	Total/NA	Solid	8015B NM	22615
890-2143-15	T-2 8	Total/NA	Solid	8015B NM	22615
890-2143-16	T-3 0-1	Total/NA	Solid	8015B NM	22615
890-2143-17	T-3 1	Total/NA	Solid	8015B NM	22615
890-2143-18	T-3 2	Total/NA	Solid	8015B NM	22615
890-2143-19	T-3 3	Total/NA	Solid	8015B NM	22615
890-2143-20	T-3 4	Total/NA	Solid	8015B NM	22615
MB 880-22615/1-A	Method Blank	Total/NA	Solid	8015B NM	22615
LCS 880-22615/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22615
LCSD 880-22615/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22615
890-2143-1 MS	T-1 0-1	Total/NA	Solid	8015B NM	22615
890-2143-1 MSD	T-1 0-1	Total/NA	Solid	8015B NM	22615

Prep Batch: 22615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Total/NA	Solid	8015NM Prep	
890-2143-2	T-1 1	Total/NA	Solid	8015NM Prep	
890-2143-3	T-1 2	Total/NA	Solid	8015NM Prep	
890-2143-4	T-1 3	Total/NA	Solid	8015NM Prep	
890-2143-5	T-1 4	Total/NA	Solid	8015NM Prep	
890-2143-6	T-1 5	Total/NA	Solid	8015NM Prep	
890-2143-7	T-2 0-1	Total/NA	Solid	8015NM Prep	
890-2143-8	T-2 1	Total/NA	Solid	8015NM Prep	
890-2143-9	T-2 2	Total/NA	Solid	8015NM Prep	
890-2143-10	T-2 3	Total/NA	Solid	8015NM Prep	
890-2143-11	T-2 4	Total/NA	Solid	8015NM Prep	
890-2143-12	T-2 5	Total/NA	Solid	8015NM Prep	
890-2143-13	T-2 6	Total/NA	Solid	8015NM Prep	
890-2143-14	T-2 7	Total/NA	Solid	8015NM Prep	
890-2143-15	T-2 8	Total/NA	Solid	8015NM Prep	
890-2143-16	T-3 0-1	Total/NA	Solid	8015NM Prep	
890-2143-17	T-3 1	Total/NA	Solid	8015NM Prep	
890-2143-18	T-3 2	Total/NA	Solid	8015NM Prep	
890-2143-19	T-3 3	Total/NA	Solid	8015NM Prep	
890-2143-20	T-3 4	Total/NA	Solid	8015NM Prep	
MB 880-22615/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22615/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22615/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2143-1 MS	T-1 0-1	Total/NA	Solid	8015NM Prep	
890-2143-1 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
890-2143-21	T-4 0-1	Total/NA	Solid	8015NM Prep	
890-2143-22	T-4 1	Total/NA	Solid	8015NM Prep	
890-2143-23	T-4 2	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 22659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-24	T-4 3	Total/NA	Solid	8015NM Prep	
890-2143-25	T-4 4	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	
890-2143-21 MS	T-4 0-1	Total/NA	Solid	8015NM Prep	
890-2143-21 MSD	T-4 0-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 22694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Total/NA	Solid	8015 NM	
890-2143-2	T-1 1	Total/NA	Solid	8015 NM	
890-2143-3	T-1 2	Total/NA	Solid	8015 NM	
890-2143-4	T-1 3	Total/NA	Solid	8015 NM	
890-2143-5	T-1 4	Total/NA	Solid	8015 NM	
890-2143-6	T-1 5	Total/NA	Solid	8015 NM	
890-2143-7	T-2 0-1	Total/NA	Solid	8015 NM	
890-2143-8	T-2 1	Total/NA	Solid	8015 NM	
890-2143-9	T-2 2	Total/NA	Solid	8015 NM	
890-2143-10	T-2 3	Total/NA	Solid	8015 NM	
890-2143-11	T-2 4	Total/NA	Solid	8015 NM	
890-2143-12	T-2 5	Total/NA	Solid	8015 NM	
890-2143-13	T-2 6	Total/NA	Solid	8015 NM	
890-2143-14	T-2 7	Total/NA	Solid	8015 NM	
890-2143-15	T-2 8	Total/NA	Solid	8015 NM	
890-2143-16	T-3 0-1	Total/NA	Solid	8015 NM	
890-2143-17	T-3 1	Total/NA	Solid	8015 NM	
890-2143-18	T-3 2	Total/NA	Solid	8015 NM	
890-2143-19	T-3 3	Total/NA	Solid	8015 NM	
890-2143-20	T-3 4	Total/NA	Solid	8015 NM	
890-2143-21	T-4 0-1	Total/NA	Solid	8015 NM	
890-2143-22	T-4 1	Total/NA	Solid	8015 NM	
890-2143-23	T-4 2	Total/NA	Solid	8015 NM	
890-2143-24	T-4 3	Total/NA	Solid	8015 NM	
890-2143-25	T-4 4	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 22565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Soluble	Solid	DI Leach	
890-2143-2	T-1 1	Soluble	Solid	DI Leach	
890-2143-3	T-1 2	Soluble	Solid	DI Leach	
890-2143-4	T-1 3	Soluble	Solid	DI Leach	
890-2143-5	T-1 4	Soluble	Solid	DI Leach	
890-2143-6	T-1 5	Soluble	Solid	DI Leach	
890-2143-7	T-2 0-1	Soluble	Solid	DI Leach	
890-2143-8	T-2 1	Soluble	Solid	DI Leach	
890-2143-9	T-2 2	Soluble	Solid	DI Leach	
890-2143-10	T-2 3	Soluble	Solid	DI Leach	
890-2143-11	T-2 4	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 22565 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-12	T-2 5	Soluble	Solid	DI Leach	
890-2143-13	T-2 6	Soluble	Solid	DI Leach	
890-2143-14	T-2 7	Soluble	Solid	DI Leach	
890-2143-15	T-2 8	Soluble	Solid	DI Leach	
890-2143-16	T-3 0-1	Soluble	Solid	DI Leach	
890-2143-17	T-3 1	Soluble	Solid	DI Leach	
890-2143-18	T-3 2	Soluble	Solid	DI Leach	
890-2143-19	T-3 3	Soluble	Solid	DI Leach	
890-2143-20	T-3 4	Soluble	Solid	DI Leach	
MB 880-22565/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22565/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22565/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2143-1 MS	T-1 0-1	Soluble	Solid	DI Leach	
890-2143-1 MSD	T-1 0-1	Soluble	Solid	DI Leach	
890-2143-11 MS	T-2 4	Soluble	Solid	DI Leach	
890-2143-11 MSD	T-2 4	Soluble	Solid	DI Leach	

Leach Batch: 22581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-21	T-4 0-1	Soluble	Solid	DI Leach	
890-2143-22	T-4 1	Soluble	Solid	DI Leach	
890-2143-23	T-4 2	Soluble	Solid	DI Leach	
890-2143-24	T-4 3	Soluble	Solid	DI Leach	
890-2143-25	T-4 4	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	
890-2143-21 MS	T-4 0-1	Soluble	Solid	DI Leach	
890-2143-21 MSD	T-4 0-1	Soluble	Solid	DI Leach	

Analysis Batch: 22676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-1	T-1 0-1	Soluble	Solid	300.0	22565
890-2143-2	T-1 1	Soluble	Solid	300.0	22565
890-2143-3	T-1 2	Soluble	Solid	300.0	22565
890-2143-4	T-1 3	Soluble	Solid	300.0	22565
890-2143-5	T-1 4	Soluble	Solid	300.0	22565
890-2143-6	T-1 5	Soluble	Solid	300.0	22565
890-2143-7	T-2 0-1	Soluble	Solid	300.0	22565
890-2143-8	T-2 1	Soluble	Solid	300.0	22565
890-2143-9	T-2 2	Soluble	Solid	300.0	22565
890-2143-10	T-2 3	Soluble	Solid	300.0	22565
890-2143-11	T-2 4	Soluble	Solid	300.0	22565
890-2143-12	T-2 5	Soluble	Solid	300.0	22565
890-2143-13	T-2 6	Soluble	Solid	300.0	22565
890-2143-14	T-2 7	Soluble	Solid	300.0	22565
890-2143-15	T-2 8	Soluble	Solid	300.0	22565
890-2143-16	T-3 0-1	Soluble	Solid	300.0	22565
890-2143-17	T-3 1	Soluble	Solid	300.0	22565
890-2143-18	T-3 2	Soluble	Solid	300.0	22565
890-2143-19	T-3 3	Soluble	Solid	300.0	22565

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 22676 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-20	T-3 4	Soluble	Solid	300.0	22565
MB 880-22565/1-A	Method Blank	Soluble	Solid	300.0	22565
LCS 880-22565/2-A	Lab Control Sample	Soluble	Solid	300.0	22565
LCSD 880-22565/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22565
890-2143-1 MS	T-1 0-1	Soluble	Solid	300.0	22565
890-2143-1 MSD	T-1 0-1	Soluble	Solid	300.0	22565
890-2143-11 MS	T-2 4	Soluble	Solid	300.0	22565
890-2143-11 MSD	T-2 4	Soluble	Solid	300.0	22565

Analysis Batch: 22723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2143-21	T-4 0-1	Soluble	Solid	300.0	22581
890-2143-22	T-4 1	Soluble	Solid	300.0	22581
890-2143-23	T-4 2	Soluble	Solid	300.0	22581
890-2143-24	T-4 3	Soluble	Solid	300.0	22581
890-2143-25	T-4 4	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
890-2143-21 MS	T-4 0-1	Soluble	Solid	300.0	22581
890-2143-21 MSD	T-4 0-1	Soluble	Solid	300.0	22581

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County 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: 890-2143-1

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			5.02 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 21:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 12:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		50			22676	03/30/22 20:25	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: 890-2143-2

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			5.02 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 22:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 13:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		50			22676	03/30/22 21:30	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: 890-2143-3

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			4.99 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 22:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 13:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/30/22 21:51	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: 890-2143-4

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			4.98 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 22:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-1 3
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/30/22 22:13	CH	XEN MID

Client Sample ID: T-1 4
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 23:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 14:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/30/22 22:35	CH	XEN MID

Client Sample ID: T-1 5
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-6
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	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 23:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 14:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			22676	03/30/22 23:40	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: 890-2143-7
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	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	03/31/22 23:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 14:58	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 0-1
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 00:02	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: 890-2143-8
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			5.05 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 00:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 15:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 00:23	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: 890-2143-9
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			4.99 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 00:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 15:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 00:45	CH	XEN MID

Client Sample ID: T-2 3
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-10
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			4.98 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 00:48	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	22727	04/01/22 07:45	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	22759	04/01/22 13:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		5			22610	03/31/22 07:18	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 3
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 01:07	CH	XEN MID

Client Sample ID: T-2 4
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 02:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 16:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 01:28	CH	XEN MID

Client Sample ID: T-2 5
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 02:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 17:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 02:33	CH	XEN MID

Client Sample ID: T-2 6
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 02:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 17:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			22676	03/31/22 02:55	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-2 7

Lab Sample ID: 890-2143-14
Matrix: Solid
Date Collected: 03/28/22 00:00
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	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 03:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 17:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			22676	03/31/22 04:00	CH	XEN MID

Client Sample ID: T-2 8

Lab Sample ID: 890-2143-15
Matrix: Solid
Date Collected: 03/28/22 00:00
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	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 03:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 18:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			22676	03/31/22 04:22	CH	XEN MID

Client Sample ID: T-3 0-1

Lab Sample ID: 890-2143-16
Matrix: Solid
Date Collected: 03/28/22 00:00
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	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 03:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 18:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		10			22676	03/31/22 04:44	CH	XEN MID

Client Sample ID: T-3 1

Lab Sample ID: 890-2143-17
Matrix: Solid
Date Collected: 03/28/22 00:00
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	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 04:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-3 1
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 18:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		10			22676	03/31/22 05:05	CH	XEN MID

Client Sample ID: T-3 2
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-18
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			5.03 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 04:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 05:27	CH	XEN MID

Client Sample ID: T-3 3
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-19
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			4.98 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 04:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 19:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		5			22676	03/31/22 05:49	CH	XEN MID

Client Sample ID: T-3 4
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	22564	03/30/22 12:03	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22684	04/01/22 05:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	03/31/22 08:59	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22615	03/30/22 09:06	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22610	03/30/22 19:51	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-3 4
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-20
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	22565	03/29/22 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			22676	03/31/22 06:10	CH	XEN MID

Client Sample ID: T-4 0-1
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	22509	03/30/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22605	03/30/22 16:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	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 17:36	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		10			22723	03/31/22 10:40	CH	XEN MID

Client Sample ID: T-4 1
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	22509	03/30/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22605	03/30/22 17:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	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 18:39	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 11:07	CH	XEN MID

Client Sample ID: T-4 2
Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	22509	03/30/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22605	03/30/22 17:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	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 19:00	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 11:16	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Client Sample ID: T-4 3

Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	22509	03/30/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22605	03/30/22 18:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	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 19:21	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 11:25	CH	XEN MID

Client Sample ID: T-4 4

Date Collected: 03/28/22 00:00
Date Received: 03/28/22 16:28

Lab Sample ID: 890-2143-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	22509	03/30/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22605	03/30/22 18:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			22716	03/31/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22694	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 19:42	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		1			22723	03/31/22 11:34	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: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy 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	T104704400-21-22	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	OII 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: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy 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

Sample Summary

Client: Carmona Resources
Project/Site: Striker 2 SWD

Job ID: 890-2143-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2143-1	T-1 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2143-2	T-1 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2143-3	T-1 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2143-4	T-1 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2143-5	T-1 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2143-6	T-1 5	Solid	03/28/22 00:00	03/28/22 16:28	5
890-2143-7	T-2 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2143-8	T-2 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2143-9	T-2 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2143-10	T-2 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2143-11	T-2 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2143-12	T-2 5	Solid	03/28/22 00:00	03/28/22 16:28	5
890-2143-13	T-2 6	Solid	03/28/22 00:00	03/28/22 16:28	6
890-2143-14	T-2 7	Solid	03/28/22 00:00	03/28/22 16:28	7
890-2143-15	T-2 8	Solid	03/28/22 00:00	03/28/22 16:28	8
890-2143-16	T-3 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2143-17	T-3 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2143-18	T-3 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2143-19	T-3 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2143-20	T-3 4	Solid	03/28/22 00:00	03/28/22 16:28	4
890-2143-21	T-4 0-1	Solid	03/28/22 00:00	03/28/22 16:28	0 - 1
890-2143-22	T-4 1	Solid	03/28/22 00:00	03/28/22 16:28	1
890-2143-23	T-4 2	Solid	03/28/22 00:00	03/28/22 16:28	2
890-2143-24	T-4 3	Solid	03/28/22 00:00	03/28/22 16:28	3
890-2143-25	T-4 4	Solid	03/28/22 00:00	03/28/22 16:28	4

Chain of Custody

Work Order No: _____

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@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:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine	☑ Rush
Project Location	Eddy 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:	TWN-007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.6
Total Containers:		Corrected Temperature:	2.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	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-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		
T-2 (3')	3/28/2022		X		G	1		X	X	X		

890-2143 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	3/28/22 1628	3	4	
5			6		

Revised Date 05012020 Rev. 2020.1

Chain of Custody

Work Order No: _____

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@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:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine	☑ Rush
Project Location	Eddy 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 N/A	Correction Factor:	PS1	
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
T-2 (4')	3/28/2022		X		G	1		X	X	X		
T-2 (5')	3/28/2022		X		G	1		X	X	X		
T-2 (6')	3/28/2022		X		G	1		X	X	X		
T-2 (7')	3/28/2022		X		G	1		X	X	X		
T-2 (8')	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 (3')~~ CRM	3/28/2022		X		G	1		X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/28/22 1628	4		
3			6		
5					

Revised Date 05012020 Rev. 2020.1

Chain of Custody

Work Order No: _____

Page 3 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@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:

Project Name:	Striker 2 SWD	Turn Around	
Project Number:	1004	☐ Routine	☑ Rush
Project Location	Eddy 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 N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
T-3 (4')	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		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Conner Moehring		3/28/22 1608	4		
3			6		
5					

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-2143-1
SDG Number: Eddy County NM

Login Number: 2143
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: 890-2143-1
SDG Number: Eddy County NM

Login Number: 2143
List Number: 2
Creator: Lowe, Katie

List Source: Eurofins Midland
List Creation: 03/29/22 01:12 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	

State of New Mexico
Oil Conservation Division

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: Robert Hamlet Date: 5/17/2022

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

Signature: Robert Hamlet Date: 5/17/2022

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 97215

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 97215
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH. This will define the edge of the release and ensure the release did not leave the pad. The variance for 250 ft2 confirmation samples is approved. Sidewall and floor samples should represent no more than 250 ft2. The work will need to occur within 90 days after the work plan has been approved.	5/17/2022