

CARMONA RESOURCES



SITE INFORMATION

Work Plan
Striker 1 SWD
Incident # NAPP2213836141
Eddy County, New Mexico
Unit A Sec 15 T23S R38E
32.309685°, -104.073292°

Produced Water Release
Point of Release: Poly line Failure
Release Date: 05/17/2022
Volume Released: 75 barrels of Produced Water
Volume Recovered: 30 barrels of Produced Water

CARMONA RESOURCES



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

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

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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September 7, 2022

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

**Re: Work Plan
Striker 1 SWD
NGL Water Solutions Permian, LLC
Incident # NAPP2213836141
Site Location: Unit A, S15, T23S, R28E
(Lat 32.309685°, Long -104.073292°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of NGL Energy Partners (NGL), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Striker 1 SWD. This site is located at 32.309685° -104.073292° within Unit A, S15, T23S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 17, 2022, caused by a polyline failure. It resulted in the release of approximately seventy-five (75) barrels of produced water, and thirty (30) barrels were recovered. The impacted area was on the pad. See Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, three known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.33 miles Southeast of the site in S15, T23S, R28E and was drilled in 1996. The well has a reported depth to groundwater of 12' below ground surface (ft bgs). The next nearest well is located approximately 0.45 miles Southwest of the site in S15, T23S, R28E and was drilled in 2021. The well has a reported depth to groundwater of 19.98' below ground surface (ft bgs). The third well within a 0.50-mile radius is approximately 0.46 miles Northeast of the site in S10, T23S, R28E and was drilled in 2020. The well has a reported depth to groundwater of 57' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

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432.813.1992



- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Trenching

On August 18, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven trenches (7) sample points and eight (8) horizontal samples were advanced to depths ranging from the surface to 6.0' 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. The results from the sampling event are summarized in Table 1.

5.0 Proposed Work Plan

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

- The areas of T-1 and T-4 will be excavated to a depth of 2' below the surface and backfilled with clean material to grade.
- The areas of T-2, T-3, and T-7 will be excavated to a depth of 4' below the surface and backfilled with clean material to grade.
- The areas of T-5 and T-6 will be excavated to a depth of 4.5' below the surface and backfilled with clean material to grade.
- The areas of H-1, H-2, H-3, H-4, H-5, H-6, and H-7 will be extended until delineated below 600 mg/kg for chloride and 100 mg/kg for TPH (GRO + DRO + MRO).
- An estimated 3,205 cubic yards are to be removed and hauled to the nearest disposal.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 400 square feet to represent the release area.
- The samples collected will be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0.
- 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.

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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

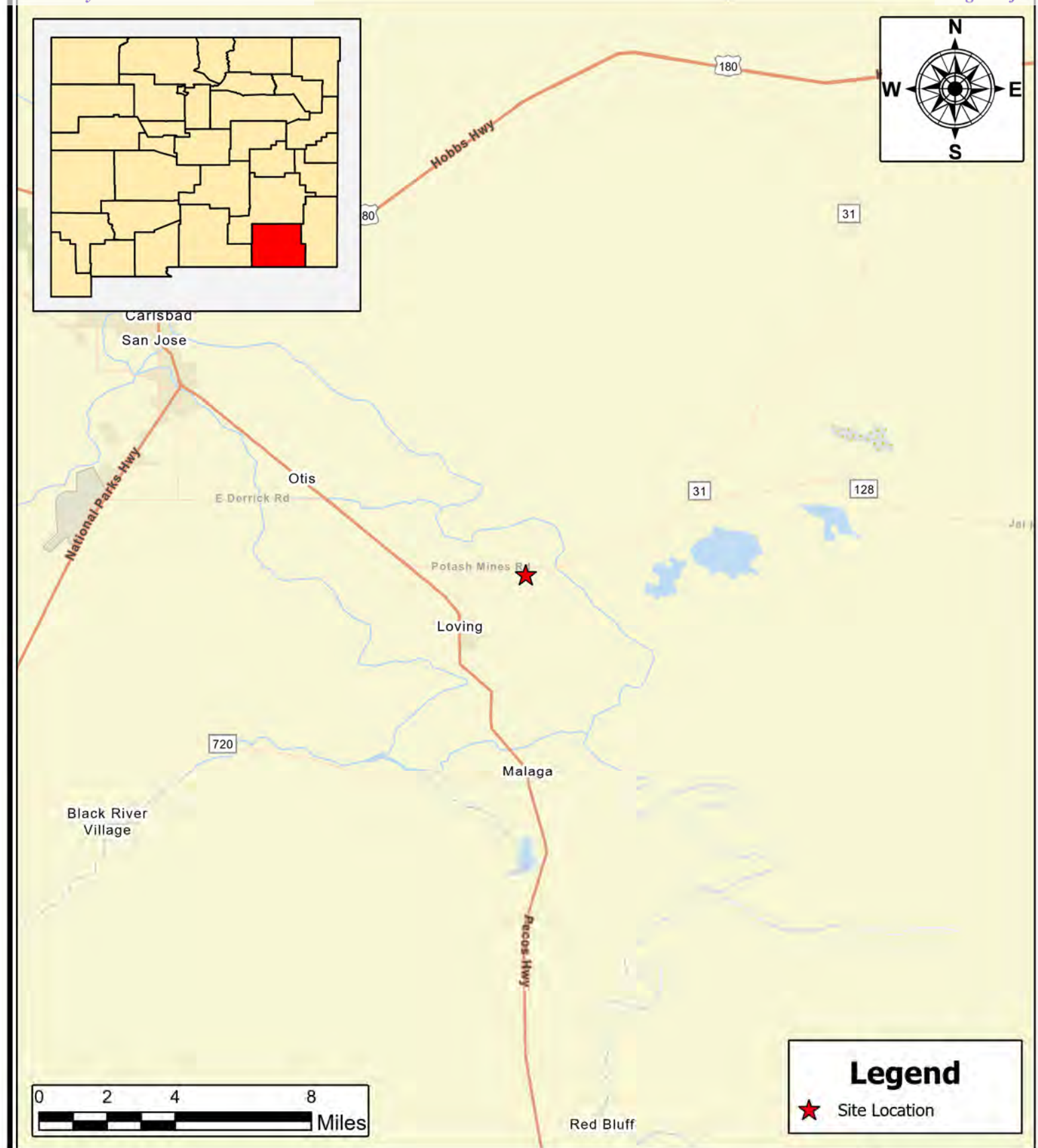
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

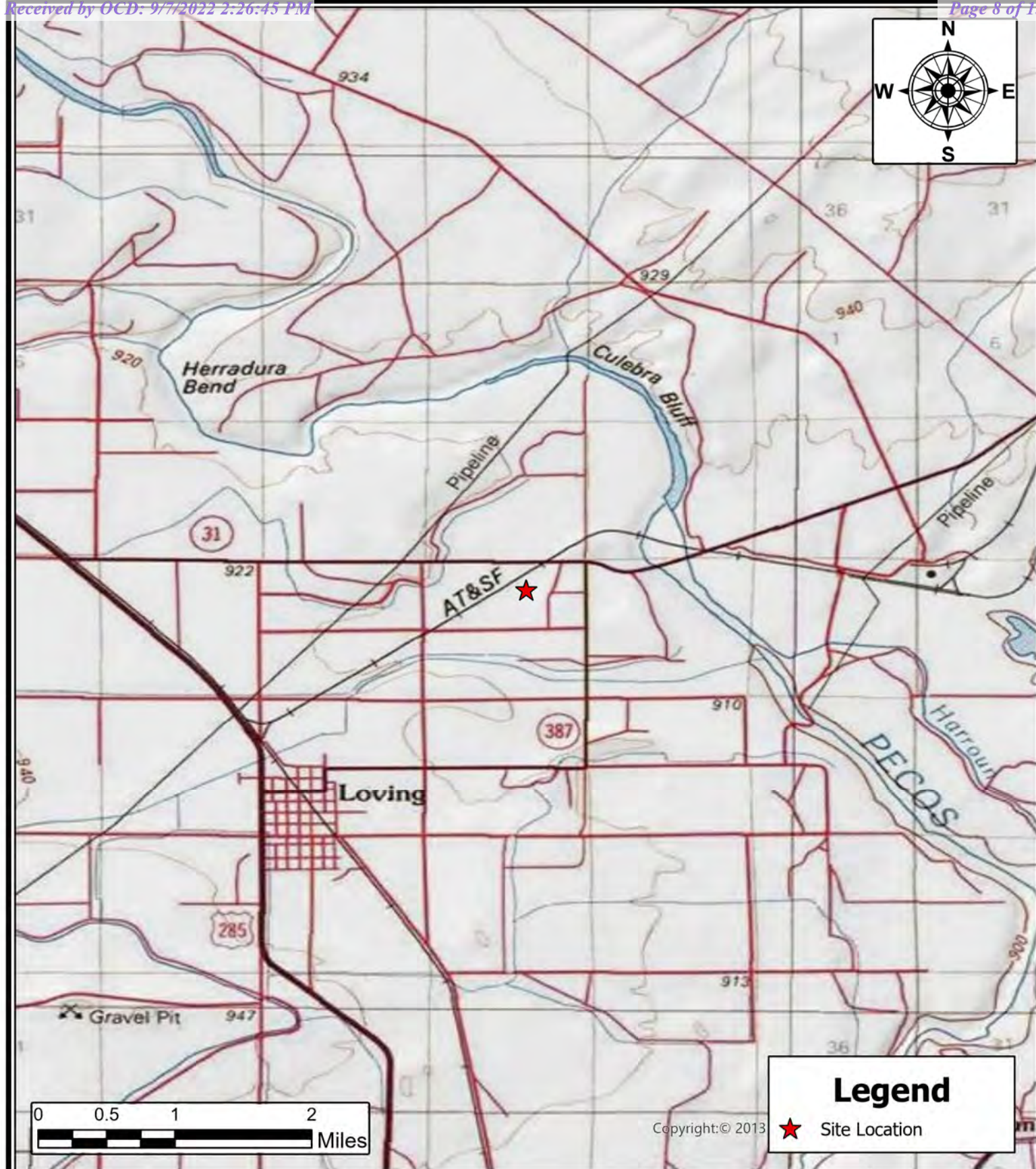
FIGURES

CARMONA RESOURCES





OVERVIEW MAP NGL ENERGY PARTNERS STRIKER 1 SWD EDDY COUNTY, NEW MEXICO 32.309685, -104.073292 SCALE: As Shown Date: 8/23/2022	Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER:
			FIGURE 1
			SHEET NUMBER:
			1 of 1



Legend

★ Site Location

Copyright:© 2013

TOPOGRAPHIC MAP
NGL ENERGY PARTNERS
STRIKER 1 SWD
 EDDY COUNTY, NEW MEXICO
 32.309685, -104.073292

SCALE: As Shown

Date: 8/23/2022



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

NOTES:

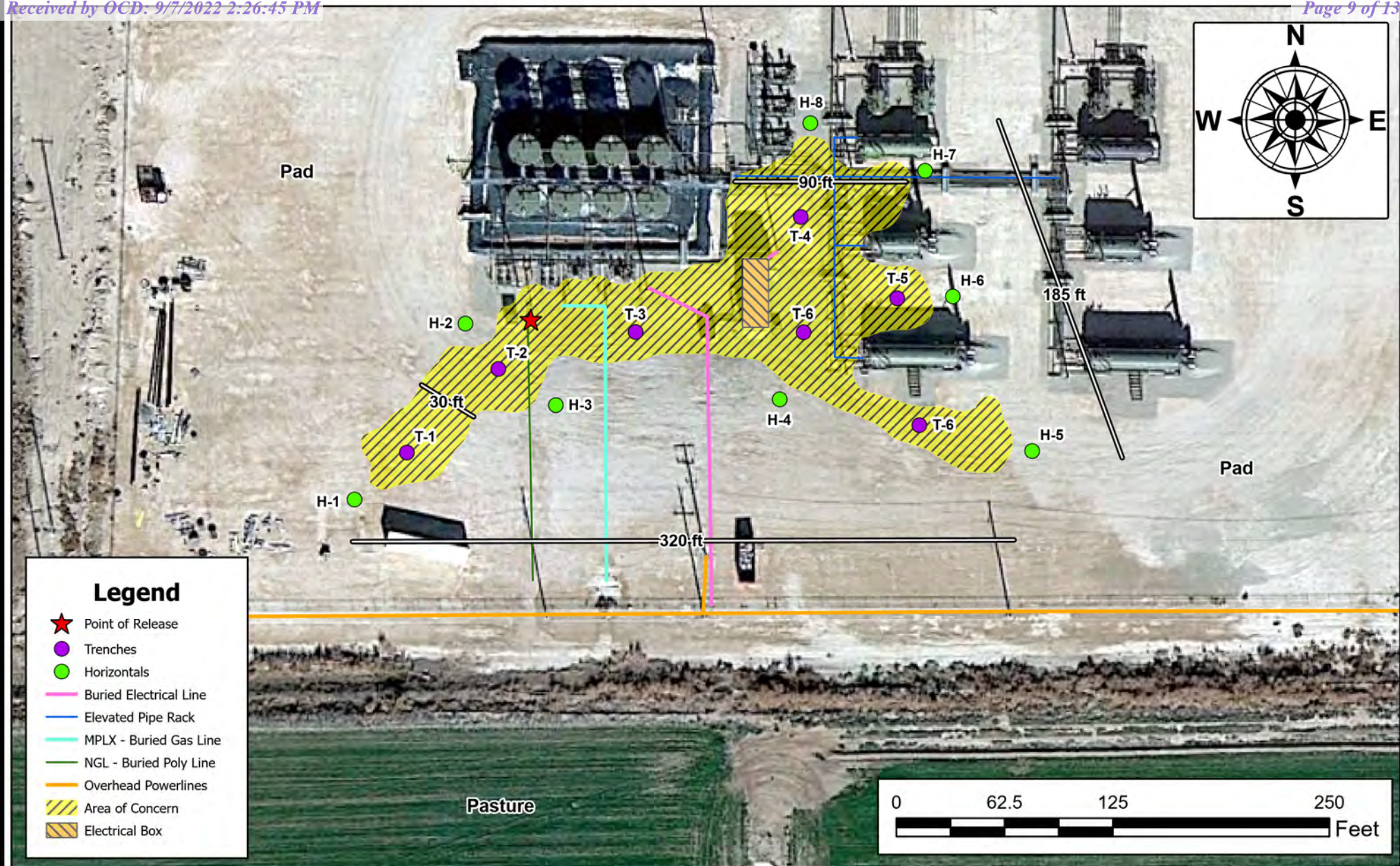
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



SAMPLE LOCATION MAP
NGL ENERGY PARTNERS
 STRIKER 1 SWD
 EDDY COUNTY, NEW MEXICO
 32.309685, -104.073292

SCALE: As Shown

Date: 8/23/2022



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

NOTES:

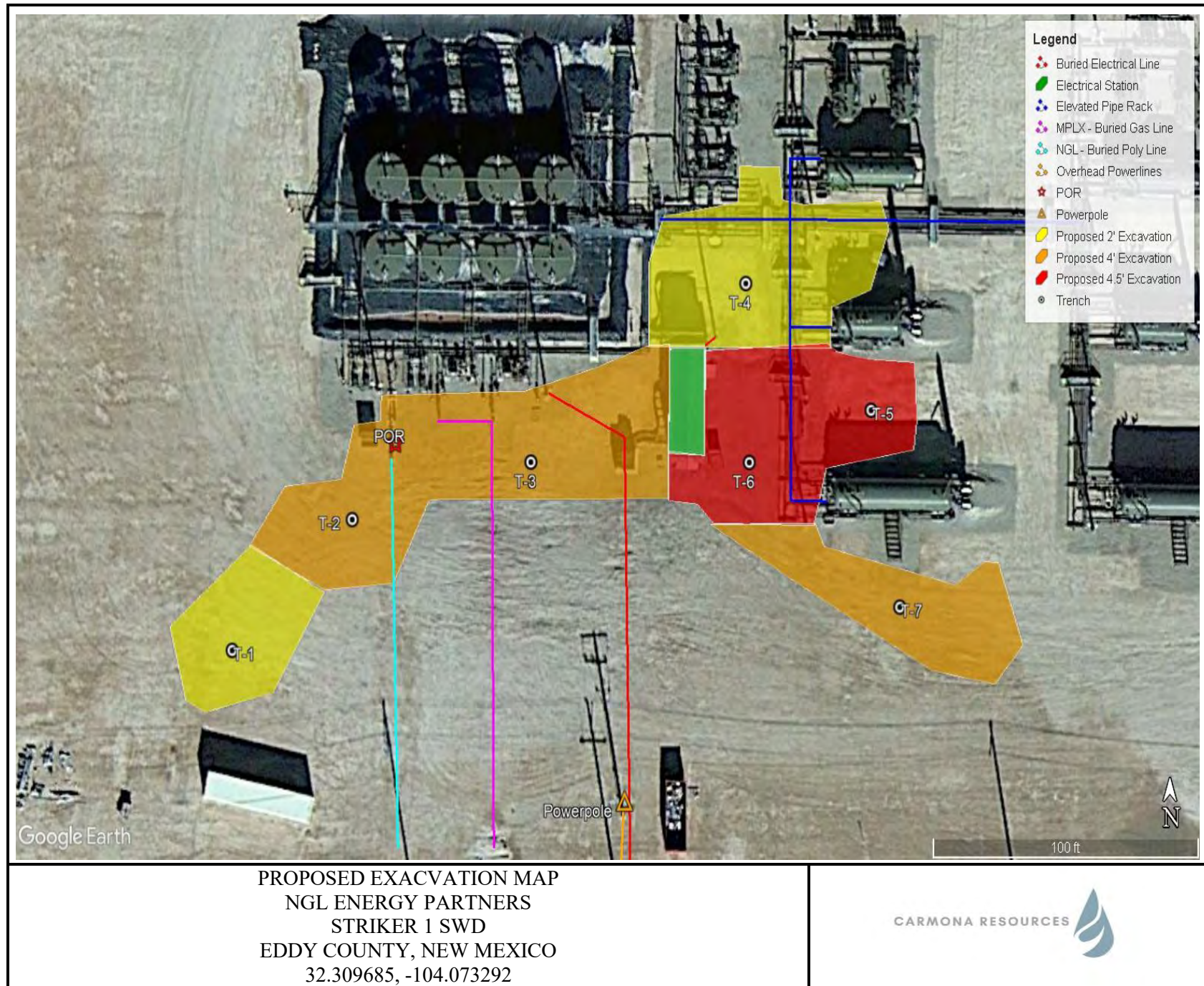
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



APPENDIX A

CARMONA RESOURCES



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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	8/18/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,890
	"	1.5	<49.9	59.5	<49.9	59.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	887
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	391
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	74.6
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	207
T-2	8/18/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	7,000
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4,120
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	382
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,000
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	519
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	397
	"	6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	190
T-3	8/18/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4,310
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,520
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4,020
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,100
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	298
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	505
T-4	8/18/2022	0-1	83.4	416	<50.0	499	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,850
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	906
	"	2	<49.9	49.9	<49.9	49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	536
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.7
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	495
T-5	8/18/2022	0-1	<49.8	196	<49.8	196	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	8,740
	"	1.5	<50.0	130	<50.0	130	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,860
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	852
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	44.6
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	636
T-6	8/18/2022	0-1	<50.0	192	<50.0	192	<0.00200	<0.00200	<0.00200	0.00408	0.00408	4,110
	"	1.5	<50.0	69.3	<50.0	69.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	571
	"	2	<50.0	107	<50.0	107	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	876
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	330
T-7	8/18/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,750
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,400
	"	2	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	504
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	671
	"	4	<49.9	51.8	<49.9	51.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	97.8
Regulatory Criteria^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench

 Proposed Excavation

Table 1
NGL Water Solutions Permian
Striker 1 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	8/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6,380
H-2	8/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	9,290
H-3	8/18/2022	0-0.5	<49.9	50.1	<49.9	50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,310
H-4	8/18/2022	0-0.5	<50.0	54.5	<50.0	54.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	5,930
H-5	8/18/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	665
H-6	8/18/2022	0-0.5	<49.9	53.0	<49.9	53.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,110
H-7	8/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	990
H-8	8/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	82.8
Regulatory Criteria^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal

 Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL

Photograph No. 1

Facility: Striker 1 SWD

County: Eddy County, New Mexico

Description:

View Northeast, area of Trench-1.



Photograph No. 2

Facility: Striker 1 SWD

County: Eddy County, New Mexico

Description:

View Northeast, area of Trench-2.



Photograph No. 3

Facility: Striker 1 SWD

County: Eddy County, New Mexico

Description:

View North, area of Trench-3.



PHOTOGRAPHIC LOG

NGL

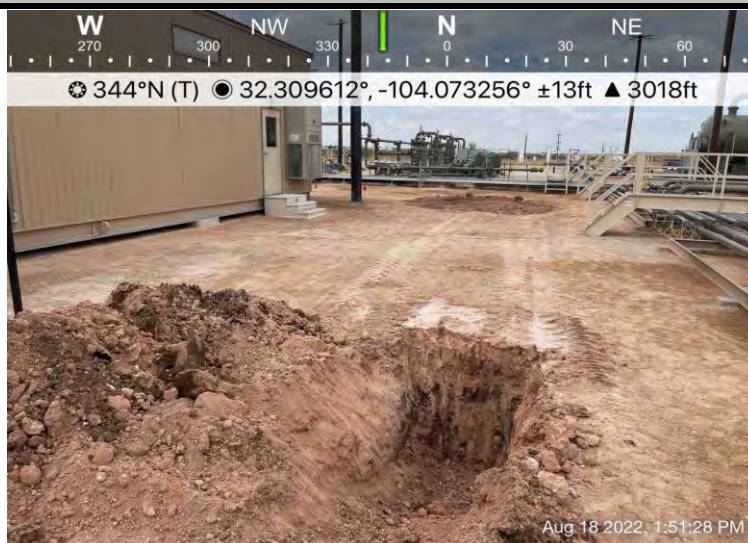
Photograph No. 4

Facility: Striker 1 SWD

County: Eddy County, New Mexico

Description:

View North, area of Trench-4 and Trench-6.



Photograph No. 5

Facility: Striker 1 SWD

County: Eddy County, New Mexico

Description:

View Southwest, area of Trench-5.



Photograph No. 6

Facility: Striker 1 SWD

County: Eddy County, New Mexico

Description:

View Northeast, area of Trench-7.



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	nAPP2213836141
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	303-597-5652
Contact email	Joseph.Vargo@nglep.com	Incident # (assigned by OCD)	nAPP2213836141
Contact mailing address	865 North Albion Street, Suite 400, Denver, CO 80220		

Location of Release Source

Latitude 32.310355 Longitude -104.070275
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Striker 1	Site Type	Salt Water Disposal
Date Release Discovered	5.17.2022	API# (if applicable)	30-015-44406

Unit Letter	Section	Township	Range	County
A	15	23S	28E	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) 75 BBLS	Volume Recovered (bbls) 30 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

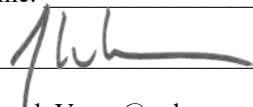
NGL oil recovery personnel was stacking oil, when the tank activated its high high alarm (HHA) and shut in the inlet valve to the facility. Chevron has a 200 year long 12" poly line tied into this facility. When the inlet valve was shut in, the line pressured up resulting in line failure. NGL immediately contacted Chevron and third-party trucks were on-site to suction and remediate.

Incident ID	nAPP2213836141
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25 Barrels release
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Initial Notice was given via NOR through the OCD portal.	

Initial Response

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

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Joseph Vargo	Title: Regulatory Director
Signature: 	Date: 5.18.2022
email: Joseph.Vargo@nglep.com	Telephone: 303-597-5652
<u>OCD Only</u> Received by: Jocelyn Harimon Date: _____	

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 108132

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 108132
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	5/18/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

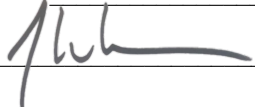
State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 09/07/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

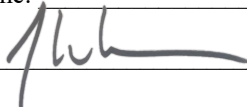
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ 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: Jocelyn Harimon Date: 09/07/2022

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

Signature: _____ Date: _____

APPENDIX D

CARMONA RESOURCES



NEAREST WATER WELL

NGL - STRIKER 1 SWD

Legend

- 0.33 Miles
- 0.45 Miles
- 0.46 Miles
- 0.50 Mile Radius
- 0.58 Miles
- NMSEO Water Well
- Striker 1 SWD
- USGS Water Well

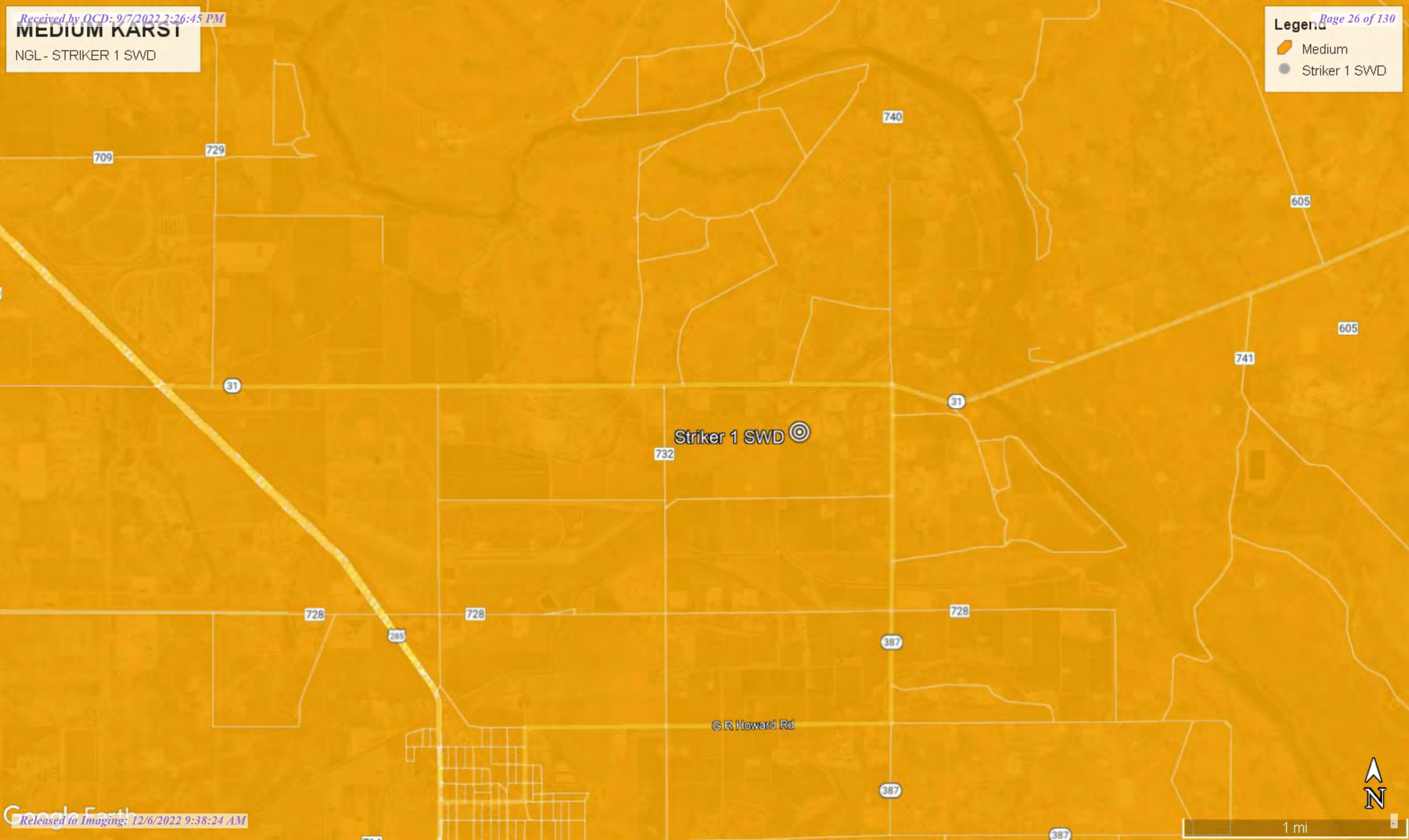


MEDIUM KARST

NGL - STRIKER 1 SWD

Legend

-  Medium
-  Striker 1 SWD





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00235	C	ED		2	2	15	23S	28E		587676	3575280*	493	160		
C 00321	C	ED		4	2	15	23S	28E		587679	3574874*	540	120		
C 02503	C	ED		4	2	15	23S	28E		587679	3574874*	540	70	12	58
C 00269	C	ED		4	4	2	15	23S	28E	587778	3574773*	677	240	35	205
C 00269 CLW199753	O	C	ED	4	4	2	15	23S	28E	587778	3574773*	677	240	35	205
C 04451 POD1	C	ED		4	4	4	10	23S	28E	587833	3575521	738	120	57	63
C 00616	CUB	ED		1	3	1	14	23S	28E	587982	3574978*	792	120	30	90
C 00072	CUB	ED		3	3	1	15	23S	28E	586364	3574760*	920	120	54	66
C 00326	CUB	ED		3	3	3	10	23S	28E	586358	3575572*	953	130	19	111
C 00326 CLW196238	O	CUB	ED	3	3	3	10	23S	28E	586358	3575572*	953	196	25	171
C 02189	C	ED		1	1	3	14	23S	28E	587985	3574572*	961	48	29	19

Average Depth to Water: **32 feet**

Minimum Depth: **12 feet**

Maximum Depth: **57 feet**

Record Count: 11

UTMNA83 Radius Search (in meters):

Easting (X): 587204.66

Northing (Y): 3575133.78

Radius: 1000

*UTM location was derived from PLSS - see Help

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

5/31/22 2:27 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02503	4	2	15	23S	28E	587679	3574874*	
Driller License:	353	Driller Company:				OSBOURN DRILLING & PUMP CO.			
Driller Name:	OSBOURN, FLOYD MILTON								
Drill Start Date:	08/27/1996	Drill Finish Date:				08/29/1996	Plug Date:		
Log File Date:	09/03/1996	PCW Rev Date:				Source:			Shallow
Pump Type:	Pipe Discharge Size:				Estimated Yield:			27 GPM	
Casing Size:	5.50	Depth Well:				70 feet	Depth Water:		12 feet
x									
Water Bearing Stratifications:					Top	Bottom	Description		
					28	58	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					30	70			

*UTM location was derived from PLSS - see Help

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

5/31/22 2:28 PM

POINT OF DIVERSION SUMMARY

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
				Groundwater	New Mexico	GO	

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321818104043601

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

USGS 321818104043601 23S.28E.15.32111

Eddy County, New Mexico
Latitude 32°18'18.5", Longitude 104°04'44.7" NAD83
Land-surface elevation 3,004.90 feet above NGVD29
The depth of the well is 160 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1954-11-15			D 62610		2974.30	NGVD29	1		Z	
1954-11-15			D 62611		2975.87	NAVD88	1		Z	
1954-11-15			D 72019	30.60			1		Z	
1957-01-09			D 62610		2987.58	NGVD29	1		Z	
1957-01-09			D 62611		2989.15	NAVD88	1		Z	
1957-01-09			D 72019	17.32			1		Z	
1958-01-09			D 62610		2986.20	NGVD29	1		Z	
1958-01-09			D 62611		2987.77	NAVD88	1		Z	
1958-01-09			D 72019	18.70			1		Z	
1959-01-08			D 62610		2991.78	NGVD29	1		Z	
1959-01-08			D 62611		2993.35	NAVD88	1		Z	
1959-01-08			D 72019	13.12			1		Z	
1960-01-14			D 62610		2991.87	NGVD29	1		Z	
1960-01-14			D 62611		2993.44	NAVD88	1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum
1960-01-14	D	72019	13.03		1	Z
1961-01-12	D	62610	2994.47	NGVD29	1	Z
1961-01-12	D	62611	2996.04	NAVD88	1	Z
1961-01-12	D	72019	10.43		1	Z
1962-01-16	D	62610	2992.80	NGVD29	1	Z
1962-01-16	D	62611	2994.37	NAVD88	1	Z
1962-01-16	D	72019	12.10		1	Z
1963-01-17	D	62610	2992.17	NGVD29	1	Z
1963-01-17	D	62611	2993.74	NAVD88	1	Z
1963-01-17	D	72019	12.73		1	Z
1964-01-20	D	62610	2989.93	NGVD29	1	Z
1964-01-20	D	62611	2991.50	NAVD88	1	Z
1964-01-20	D	72019	14.97		1	Z
1965-01-14	D	62610	2975.79	NGVD29	1	Z
1965-01-14	D	62611	2977.36	NAVD88	1	Z
1965-01-14	D	72019	29.11		1	Z
1966-01-04	D	62610	2979.23	NGVD29	1	Z
1966-01-04	D	62611	2980.80	NAVD88	1	Z
1966-01-04	D	72019	25.67		1	Z
1967-01-26	D	62610	2981.43	NGVD29	1	Z
1967-01-26	D	62611	2983.00	NAVD88	1	Z
1967-01-26	D	72019	23.47		1	Z
1968-01-26	D	62610	2985.40	NGVD29	1	Z
1968-01-26	D	62611	2986.97	NAVD88	1	Z
1968-01-26	D	72019	19.50		1	Z
1969-01-28	D	62610	2985.43	NGVD29	1	Z
1969-01-28	D	62611	2987.00	NAVD88	1	Z
1969-01-28	D	72019	19.47		1	Z
1970-01-22	D	62610	2986.15	NGVD29	1	Z
1970-01-22	D	62611	2987.72	NAVD88	1	Z
1970-01-22	D	72019	18.75		1	Z
1971-01-13	D	62610	2987.50	NGVD29	1	Z
1971-01-13	D	62611	2989.07	NAVD88	1	Z
1971-01-13	D	72019	17.40		1	Z
1972-01-12	D	62610	2983.45	NGVD29	1	Z
1972-01-12	D	62611	2985.02	NAVD88	1	Z
1972-01-12	D	72019	21.45		1	Z
1973-01-12	D	62610	2983.29	NGVD29	1	Z
1973-01-12	D	62611	2984.86	NAVD88	1	Z
1973-01-12	D	72019	21.61		1	Z
1974-01-18	D	62610	2988.55	NGVD29	1	Z
1974-01-18	D	62611	2990.12	NAVD88	1	Z
1974-01-18	D	72019	16.35		1	Z
1975-01-10	D	62610	2986.63	NGVD29	1	Z
1975-01-10	D	62611	2988.20	NAVD88	1	Z
1975-01-10	D	72019	18.27		1	Z
1983-01-26	D	62610	2987.78	NGVD29	1	Z
1983-01-26	D	62611	2989.35	NAVD88	1	Z
1983-01-26	D	72019	17.12		1	Z
1988-02-12	D	62610	2992.53	NGVD29	1	Z

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1988-02-12		D	62611	2994.10	NAVD88	1	Z
1988-02-12		D	72019	12.37		1	Z
1993-02-03		D	62610	2992.63	NGVD29	1	S
1993-02-03		D	62611	2994.20	NAVD88	1	S
1993-02-03		D	72019	12.27		1	S
1995-07-19		D	62610	2992.53	NGVD29	1	S
1995-07-19		D	62611	2994.10	NAVD88	1	S
1995-07-19		D	72019	12.37		1	S
1996-01-25		D	62610	2992.55	NGVD29	1	S
1996-01-25		D	62611	2994.12	NAVD88	1	S
1996-01-25		D	72019	12.35		1	S
2003-01-28		D	62610	2983.26	NGVD29	1	S
2003-01-28		D	62611	2984.83	NAVD88	1	S
2003-01-28		D	72019	21.64		1	S
2013-01-11 19:50 UTC		m	62610	2977.31	NGVD29	1	S
2013-01-11 19:50 UTC		m	62611	2978.88	NAVD88	1	S
2013-01-11 19:50 UTC		m	72019	27.59		1	S
2018-02-01 23:59 UTC		m	62610	2988.32	NGVD29	1	S
2018-02-01 23:59 UTC		m	62611	2989.89	NAVD88	1	S
2018-02-01 23:59 UTC		m	72019	16.58		1	S
2021-02-24 17:20 UTC		m	62610	2984.92	NGVD29	1	V
2021-02-24 17:20 UTC		m	62611	2986.49	NAVD88	1	V
2021-02-24 17:20 UTC		m	72019	19.98		1	V

Explanation

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

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S N A L T C	Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? s

Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-05-31 16:39:41 EDT
0.3 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20C1F	C 04451 POD1	4	4	4	10	23S	28E	587833	3575521

Driller License:	1400	Driller Company:	SOUTHEAST DRILLING COMPANY	
Driller Name:	HAMMOND, MARKDALENAIGENER			
Drill Start Date:	09/28/2020	Drill Finish Date:	10/01/2020	Plug Date:
Log File Date:	10/14/2020	PCW Rev Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield: 30 GPM
Casing Size:	5.00	Depth Well:	120 feet	Depth Water: 57 feet

Water Bearing Stratifications:	Top	Bottom	Description
	57	75	Limestone/Dolomite/Chalk
	87	100	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	60	120

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5/31/22 2:30 PM

POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321806104043601

Minimum number of levels = 1

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

USGS 321806104043601 23S.28E.15.32333

Eddy County, New Mexico

Latitude 32°18'06", Longitude 104°04'36" NAD27

Land-surface elevation 3,001 feet above NAVD88

The depth of the well is 145 feet below land surface.

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1946-07-23			D 62610		2985.43	NGVD29	1		Z	
1946-07-23			D 62611		2987.00	NAVD88	1		Z	
1946-07-23			D 72019	14.00			1		Z	
1946-11-21			D 62610		2985.23	NGVD29	1		Z	
1946-11-21			D 62611		2986.80	NAVD88	1		Z	
1946-11-21			D 72019	14.20			1		Z	
1947-02-08			D 62610		2986.03	NGVD29	1		Z	
1947-02-08			D 62611		2987.60	NAVD88	1		Z	
1947-02-08			D 72019	13.40			1		Z	
1947-09-19			D 62610		2978.33	NGVD29	1		Z	
1947-09-19			D 62611		2979.90	NAVD88	1		Z	
1947-09-19			D 72019	21.10			1		Z	

Explanation

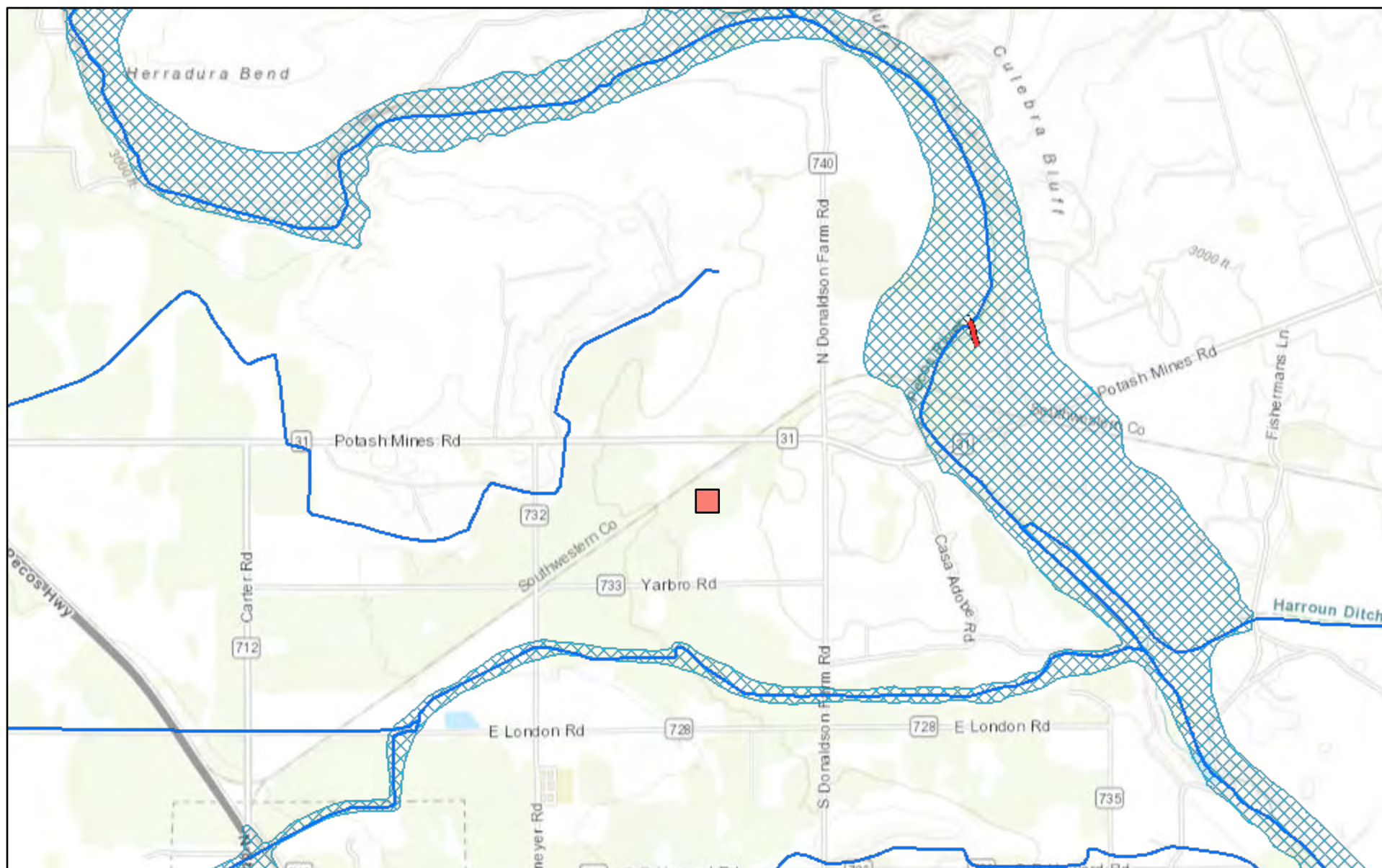
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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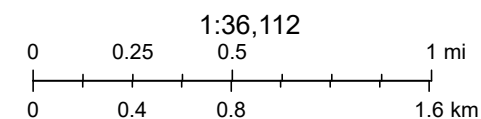
Page Last Modified: 2022-05-31 16:34:39 EDT

0.33 0.29 nadww01

New Mexico NFHL Data



May 31, 2022



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

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

APPENDIX E

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18343-1

Laboratory Sample Delivery Group: EddyCo, NM
Client Project/Site: Striker 1 SWD
Revision: 1

For:

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

Attn: Clint Merritt

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

Authorized for release by:
9/7/2022 9:59:41 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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

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

Client: Carmona Resources
Project/Site: Striker 1 SWD

Laboratory Job ID: 880-18343-1
SDG: EddyCo, NM

Table of Contents

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Job ID: 880-18343-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18343-1**

REVISION

The report being provided is a revision of the original report sent on 8/23/2022. The report (revision 1) is being revised due to Last 2 pages of COC missing on final report.

Report revision history

Receipt

The samples were received on 8/19/2022 9:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32519 and analytical batch 880-32427 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 880-32546 and analytical batch 880-32557 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-3 (0-0.5) (880-18343-41), H-4 (0-0.5) (880-18343-42), H-5 (0-0.5) (880-18343-43), H-6 (0-0.5) (880-18343-44), H-7 (0-0.5) (880-18343-45), H-8 (0-0.5) (880-18343-46), (CCV 880-32557/20) and (MB 880-32546/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-32557/2), (LCS 880-32546/1-A) and (LCSD 880-32546/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-32520 and analytical batch 880-32558 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-32492/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (880-18343-A-21-B MS) and (880-18343-A-21-C MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-7 (0-1) (880-18343-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-7 (3) (880-18343-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Job ID: 880-18343-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (880-18343-39) and H-2 (0-0.5) (880-18343-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-2767-A-1-B), (890-2767-A-1-C MS) and (890-2767-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-3 (0-0.5) (880-18343-41). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-5 (0-0.5) (880-18343-43) and H-6 (0-0.5) (880-18343-44). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32493 and analytical batch 880-32551 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32542 and analytical batch 880-32551 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32494 and analytical batch 880-32605 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32488 and 880-32488 and analytical batch 880-32614 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32496 and analytical batch 880-32604 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 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-18343-1

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 02:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	08/19/22 15:54	08/20/22 02:42	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/19/22 15:54	08/20/22 02:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 11:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 11:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	08/19/22 10:28	08/20/22 11:19	1
o-Terphenyl	96		70 - 130	08/19/22 10:28	08/20/22 11:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2890	F1	50.0		mg/Kg			08/23/22 07:04	10

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-18343-2

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 03:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/19/22 15:54	08/20/22 03:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/19/22 15:54	08/20/22 03:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-18343-2

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.5		49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 12:31	1
Diesel Range Organics (Over C10-C28)	59.5		49.9		mg/Kg		08/19/22 10:28	08/20/22 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/19/22 10:28	08/20/22 12:31	1
o-Terphenyl	103		70 - 130				08/19/22 10:28	08/20/22 12:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	887		25.0		mg/Kg			08/23/22 07:27	5

Client Sample ID: T-1 (2)

Lab Sample ID: 880-18343-3

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 03:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/19/22 15:54	08/20/22 03:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/19/22 15:54	08/20/22 03:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 12:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 12:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-1 (2)

Lab Sample ID: 880-18343-3

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/19/22 10:28	08/20/22 12:53	1
o-Terphenyl	108		70 - 130				08/19/22 10:28	08/20/22 12:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	391		24.9		mg/Kg			08/23/22 07:35	5

Client Sample ID: T-1 (3)

Lab Sample ID: 880-18343-4

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 03:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 03:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/19/22 15:54	08/20/22 03:52	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/19/22 15:54	08/20/22 03:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 13:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 13:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/19/22 10:28	08/20/22 13:15	1
o-Terphenyl	102		70 - 130				08/19/22 10:28	08/20/22 13:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.6		5.05		mg/Kg			08/23/22 07:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-1 (4)

Lab Sample ID: 880-18343-5

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 04:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/19/22 15:54	08/20/22 04:12	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/19/22 15:54	08/20/22 04:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 13:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 13:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	08/19/22 10:28	08/20/22 13:37	1
o-Terphenyl	111		70 - 130	08/19/22 10:28	08/20/22 13:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	207		4.98		mg/Kg			08/23/22 07:51	1

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-18343-6

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 04:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/19/22 15:54	08/20/22 04:33	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/19/22 15:54	08/20/22 04:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-18343-6

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 13:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 13:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/19/22 10:28	08/20/22 13:58	1
o-Terphenyl	94		70 - 130				08/19/22 10:28	08/20/22 13:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7000		99.2		mg/Kg			08/23/22 08:23	20

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-18343-7

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 04:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 04:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				08/19/22 15:54	08/20/22 04:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/19/22 15:54	08/20/22 04:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 14:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 14:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-18343-7

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/19/22 10:28	08/20/22 14:20	1
o-Terphenyl	98		70 - 130				08/19/22 10:28	08/20/22 14:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4120		50.0		mg/Kg			08/23/22 08:31	10

Client Sample ID: T-2 (2)

Lab Sample ID: 880-18343-8

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 05:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/19/22 15:54	08/20/22 05:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/19/22 15:54	08/20/22 05:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 14:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 14:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/19/22 10:28	08/20/22 14:43	1
o-Terphenyl	89		70 - 130				08/19/22 10:28	08/20/22 14:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	382		4.99		mg/Kg			08/23/22 08:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (3)

Lab Sample ID: 880-18343-9

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 05:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 05:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/19/22 15:54	08/20/22 05:34	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/19/22 15:54	08/20/22 05:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 15:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 15:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	08/19/22 10:28	08/20/22 15:05	1
o-Terphenyl	100		70 - 130	08/19/22 10:28	08/20/22 15:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		49.8		mg/Kg			08/23/22 08:46	10

Client Sample ID: T-2 (4)

Lab Sample ID: 880-18343-10

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 05:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 05:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/19/22 15:54	08/20/22 05:54	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/19/22 15:54	08/20/22 05:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (4)

Lab Sample ID: 880-18343-10

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 15:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 15:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				08/19/22 10:28	08/20/22 15:26	1
o-Terphenyl	117		70 - 130				08/19/22 10:28	08/20/22 15:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	519		24.8		mg/Kg			08/23/22 08:54	5

Client Sample ID: T-2 (5)

Lab Sample ID: 880-18343-11

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 08:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 08:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/19/22 15:54	08/20/22 08:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/19/22 15:54	08/20/22 08:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 16:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 16:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (5)

Lab Sample ID: 880-18343-11

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/19/22 10:28	08/20/22 16:11	1
o-Terphenyl	91		70 - 130				08/19/22 10:28	08/20/22 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	397	F1	25.0		mg/Kg			08/23/22 09:02	5

Client Sample ID: T-2 (6)

Lab Sample ID: 880-18343-12

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 08:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 08:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 08:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/19/22 15:54	08/20/22 08:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/19/22 15:54	08/20/22 08:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 16:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 16:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/19/22 10:28	08/20/22 16:33	1
o-Terphenyl	97		70 - 130				08/19/22 10:28	08/20/22 16:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		4.97		mg/Kg			08/23/22 09:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (0-1)

Lab Sample ID: 880-18343-13

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/19/22 15:54	08/20/22 09:25	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/19/22 15:54	08/20/22 09:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 16:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 16:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	08/19/22 10:28	08/20/22 16:55	1
o-Terphenyl	99		70 - 130	08/19/22 10:28	08/20/22 16:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4310		49.5		mg/Kg			08/23/22 09:33	10

Client Sample ID: T-3 (1.5)

Lab Sample ID: 880-18343-14

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 09:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 09:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 09:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/19/22 15:54	08/20/22 09:45	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/19/22 15:54	08/20/22 09:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (1.5)

Lab Sample ID: 880-18343-14

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/19/22 10:28	08/20/22 17:17	1
o-Terphenyl	90		70 - 130				08/19/22 10:28	08/20/22 17:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3520		24.8		mg/Kg			08/23/22 09:57	5

Client Sample ID: T-3 (2)

Lab Sample ID: 880-18343-15

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 10:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 10:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/19/22 15:54	08/20/22 10:06	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/19/22 15:54	08/20/22 10:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 17:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 17:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (2)

Lab Sample ID: 880-18343-15

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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		08/19/22 10:28	08/20/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/19/22 10:28	08/20/22 17:39	1
o-Terphenyl	87		70 - 130				08/19/22 10:28	08/20/22 17:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4020		25.1		mg/Kg			08/23/22 10:05	5

Client Sample ID: T-3 (3)

Lab Sample ID: 880-18343-16

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 10:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 10:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/19/22 15:54	08/20/22 10:26	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/19/22 15:54	08/20/22 10:26	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			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 18:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 18:01	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:28	08/20/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/19/22 10:28	08/20/22 18:01	1
o-Terphenyl	103		70 - 130				08/19/22 10:28	08/20/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		49.5		mg/Kg			08/23/22 10:13	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (4)

Lab Sample ID: 880-18343-17

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 10:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 10:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	08/19/22 15:54	08/20/22 10:47	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/19/22 15:54	08/20/22 10:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/19/22 10:28	08/20/22 18:22	1
o-Terphenyl	95		70 - 130	08/19/22 10:28	08/20/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		5.00		mg/Kg			08/23/22 10:21	1

Client Sample ID: T-3 (5)

Lab Sample ID: 880-18343-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 11:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/19/22 15:54	08/20/22 11:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/19/22 15:54	08/20/22 11:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (5)

Lab Sample ID: 880-18343-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 18:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:28	08/20/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/19/22 10:28	08/20/22 18:44	1
o-Terphenyl	93		70 - 130				08/19/22 10:28	08/20/22 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	505		24.9		mg/Kg			08/23/22 10:28	5

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-18343-19

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 11:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/19/22 15:54	08/20/22 11:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/19/22 15:54	08/20/22 11:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	499		50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	83.4		50.0		mg/Kg		08/19/22 10:28	08/20/22 19:06	1
Diesel Range Organics (Over C10-C28)	416		50.0		mg/Kg		08/19/22 10:28	08/20/22 19:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-18343-19

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/19/22 10:28	08/20/22 19:06	1
o-Terphenyl	86		70 - 130				08/19/22 10:28	08/20/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2850		24.9		mg/Kg			08/23/22 10:36	5

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-18343-20

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/19/22 15:54	08/20/22 11:48	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/19/22 15:54	08/20/22 11:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 19:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/19/22 10:28	08/20/22 19:28	1
o-Terphenyl	110		70 - 130				08/19/22 10:28	08/20/22 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	906		25.0		mg/Kg			08/23/22 10:44	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-4 (2)

Lab Sample ID: 880-18343-21

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:13	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 16:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	08/19/22 15:57	08/20/22 16:13	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/19/22 15:57	08/20/22 16:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.9		49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 11:19	1
Diesel Range Organics (Over C10-C28)	49.9	F1	49.9		mg/Kg		08/19/22 10:31	08/20/22 11:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	08/19/22 10:31	08/20/22 11:19	1
o-Terphenyl	86		70 - 130	08/19/22 10:31	08/20/22 11:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	536	F1	49.5		mg/Kg			08/23/22 02:13	10

Client Sample ID: T-4 (3)

Lab Sample ID: 880-18343-22

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 16:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/19/22 15:57	08/20/22 16:34	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/19/22 15:57	08/20/22 16:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-4 (3)

Lab Sample ID: 880-18343-22

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 12:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				08/19/22 10:31	08/20/22 12:31	1
o-Terphenyl	75		70 - 130				08/19/22 10:31	08/20/22 12:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.7		5.05		mg/Kg			08/23/22 02:37	1

Client Sample ID: T-4 (4)

Lab Sample ID: 880-18343-23

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 16:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 16:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/19/22 15:57	08/20/22 16:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/19/22 15:57	08/20/22 16:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 12:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 12:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-4 (4)

Lab Sample ID: 880-18343-23

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				08/19/22 10:31	08/20/22 12:53	1
o-Terphenyl	73		70 - 130				08/19/22 10:31	08/20/22 12:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	495		49.7		mg/Kg			08/23/22 02:45	10

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-18343-24

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 17:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				08/19/22 15:57	08/20/22 17:15	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/19/22 15:57	08/20/22 17:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	196		49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 13:15	1
Diesel Range Organics (Over C10-C28)	196		49.8		mg/Kg		08/19/22 10:31	08/20/22 13:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				08/19/22 10:31	08/20/22 13:15	1
o-Terphenyl	74		70 - 130				08/19/22 10:31	08/20/22 13:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8740		50.5		mg/Kg			08/23/22 02:53	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-5 (1.5)

Lab Sample ID: 880-18343-25

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 17:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/19/22 15:57	08/20/22 17:35	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/19/22 15:57	08/20/22 17:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	130		50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 13:37	1
Diesel Range Organics (Over C10-C28)	130		50.0		mg/Kg		08/19/22 10:31	08/20/22 13:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	08/19/22 10:31	08/20/22 13:37	1
o-Terphenyl	74		70 - 130	08/19/22 10:31	08/20/22 13:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2860		25.0		mg/Kg			08/23/22 03:00	5

Client Sample ID: T-5 (2)

Lab Sample ID: 880-18343-26

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 17:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 17:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/19/22 15:57	08/20/22 17:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/19/22 15:57	08/20/22 17:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-5 (2)

Lab Sample ID: 880-18343-26

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 13:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 13:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/19/22 10:31	08/20/22 13:58	1
o-Terphenyl	73		70 - 130				08/19/22 10:31	08/20/22 13:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	852		25.0		mg/Kg			08/23/22 03:32	5

Client Sample ID: T-5 (3)

Lab Sample ID: 880-18343-27

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 18:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/19/22 15:57	08/20/22 18:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/19/22 15:57	08/20/22 18:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 14:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 14:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-5 (3)

Lab Sample ID: 880-18343-27

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				08/19/22 10:31	08/20/22 14:20	1
o-Terphenyl	74		70 - 130				08/19/22 10:31	08/20/22 14:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		4.98		mg/Kg			08/23/22 03:40	1

Client Sample ID: T-5 (4)

Lab Sample ID: 880-18343-28

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 18:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/19/22 15:57	08/20/22 18:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/19/22 15:57	08/20/22 18:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				08/19/22 10:31	08/20/22 14:43	1
o-Terphenyl	72		70 - 130				08/19/22 10:31	08/20/22 14:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	636		50.0		mg/Kg			08/23/22 03:47	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-18343-29

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 18:57	1
o-Xylene	0.00408		0.00200		mg/Kg		08/19/22 15:57	08/20/22 18:57	1
Xylenes, Total	0.00408		0.00400		mg/Kg		08/19/22 15:57	08/20/22 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/19/22 15:57	08/20/22 18:57	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/19/22 15:57	08/20/22 18:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00408		0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	192		50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 15:05	1
Diesel Range Organics (Over C10-C28)	192		50.0		mg/Kg		08/19/22 10:31	08/20/22 15:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				08/19/22 10:31	08/20/22 15:05	1
o-Terphenyl	74		70 - 130				08/19/22 10:31	08/20/22 15:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4110		49.5		mg/Kg			08/23/22 03:55	10

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-18343-30

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 19:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 19:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 19:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 19:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 19:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/19/22 15:57	08/20/22 19:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/19/22 15:57	08/20/22 19:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-18343-30

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.3		50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 15:26	1
Diesel Range Organics (Over C10-C28)	69.3		50.0		mg/Kg		08/19/22 10:31	08/20/22 15:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				08/19/22 10:31	08/20/22 15:26	1
o-Terphenyl	76		70 - 130				08/19/22 10:31	08/20/22 15:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	571		5.02		mg/Kg			08/23/22 04:03	1

Client Sample ID: T-6 (2)

Lab Sample ID: 880-18343-31

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 21:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/19/22 15:57	08/20/22 21:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/19/22 15:57	08/20/22 21:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	107		50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 16:11	1
Diesel Range Organics (Over C10-C28)	107		50.0		mg/Kg		08/19/22 10:31	08/20/22 16:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-6 (2)

Lab Sample ID: 880-18343-31

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/19/22 10:31	08/20/22 16:11	1
o-Terphenyl	81		70 - 130				08/19/22 10:31	08/20/22 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	876		4.98		mg/Kg			08/23/22 04:11	1

Client Sample ID: T-6 (3)

Lab Sample ID: 880-18343-32

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 21:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/19/22 15:57	08/20/22 21:28	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/19/22 15:57	08/20/22 21:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 16:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 16:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/19/22 10:31	08/20/22 16:33	1
o-Terphenyl	86		70 - 130				08/19/22 10:31	08/20/22 16:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		4.97		mg/Kg			08/23/22 04:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-6 (4)

Lab Sample ID: 880-18343-33

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 21:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 21:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/19/22 15:57	08/20/22 21:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/19/22 15:57	08/20/22 21:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 16:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 16:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	08/19/22 10:31	08/20/22 16:55	1
o-Terphenyl	71		70 - 130	08/19/22 10:31	08/20/22 16:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	692		49.5		mg/Kg			08/23/22 04:42	10

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-18343-34

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 22:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/19/22 15:57	08/20/22 22:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/19/22 15:57	08/20/22 22:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-18343-34

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	50	S1-	70 - 130				08/19/22 10:31	08/20/22 17:17	1
o-Terphenyl	49	S1-	70 - 130				08/19/22 10:31	08/20/22 17:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3750		24.8		mg/Kg			08/23/22 05:06	5

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-18343-35

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 22:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 22:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/19/22 15:57	08/20/22 22:30	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/19/22 15:57	08/20/22 22:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 17:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-18343-35

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/19/22 10:31	08/20/22 17:39	1
o-Terphenyl	79		70 - 130				08/19/22 10:31	08/20/22 17:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		5.05		mg/Kg			08/23/22 05:14	1

Client Sample ID: T-7 (2)

Lab Sample ID: 880-18343-36

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 22:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				08/19/22 15:57	08/20/22 22:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/19/22 15:57	08/20/22 22:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 18:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 18:01	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:31	08/20/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/19/22 10:31	08/20/22 18:01	1
o-Terphenyl	72		70 - 130				08/19/22 10:31	08/20/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	504		50.3		mg/Kg			08/23/22 05:22	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-7 (3)

Lab Sample ID: 880-18343-37

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 23:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/19/22 15:57	08/20/22 23:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/19/22 15:57	08/20/22 23:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130	08/19/22 10:31	08/20/22 18:22	1
o-Terphenyl	64	S1-	70 - 130	08/19/22 10:31	08/20/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	671		49.6		mg/Kg			08/23/22 05:30	10

Client Sample ID: T-7 (4)

Lab Sample ID: 880-18343-38

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 23:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/19/22 15:57	08/20/22 23:31	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/19/22 15:57	08/20/22 23:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-7 (4)

Lab Sample ID: 880-18343-38

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.8		49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 18:44	1
Diesel Range Organics (Over C10-C28)	51.8		49.9		mg/Kg		08/19/22 10:31	08/20/22 18:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:31	08/20/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/19/22 10:31	08/20/22 18:44	1
o-Terphenyl	86		70 - 130				08/19/22 10:31	08/20/22 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		4.95		mg/Kg			08/23/22 05:37	1

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

Lab Sample ID: 880-18343-39

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 23:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 23:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				08/19/22 15:57	08/20/22 23:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/19/22 15:57	08/20/22 23:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 19:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 19:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-39

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	27	S1-	70 - 130				08/19/22 10:31	08/20/22 19:06	1
o-Terphenyl	17	S1-	70 - 130				08/19/22 10:31	08/20/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6380		101		mg/Kg			08/23/22 05:45	20

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

Lab Sample ID: 880-18343-40

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/21/22 00:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/21/22 00:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/21/22 00:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/21/22 00:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/21/22 00:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/21/22 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				08/19/22 15:57	08/21/22 00:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/19/22 15:57	08/21/22 00:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	31	S1-	70 - 130				08/19/22 10:31	08/20/22 19:28	1
o-Terphenyl	22	S1-	70 - 130				08/19/22 10:31	08/20/22 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9290		99.4		mg/Kg			08/23/22 05:53	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-41

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:32	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:32	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:32	1
m-Xylene & p-Xylene	<0.00400	U F1	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:32	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:32	1
Xylenes, Total	<0.00400	U F1	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130	08/19/22 19:05	08/20/22 13:32	1
1,4-Difluorobenzene (Surr)	74		70 - 130	08/19/22 19:05	08/20/22 13:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.1		49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/20/22 23:06	1
Diesel Range Organics (Over C10-C28)	50.1		49.9		mg/Kg		08/19/22 17:44	08/20/22 23:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/20/22 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	08/19/22 17:44	08/20/22 23:06	1
o-Terphenyl	68	S1-	70 - 130	08/19/22 17:44	08/20/22 23:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310	F1	25.0		mg/Kg			08/23/22 14:34	5

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

Lab Sample ID: 880-18343-42

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	08/19/22 19:05	08/20/22 13:58	1
1,4-Difluorobenzene (Surr)	108		70 - 130	08/19/22 19:05	08/20/22 13:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-42

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.5		50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 23:27	1
Diesel Range Organics (Over C10-C28)	54.5		50.0		mg/Kg		08/19/22 17:44	08/20/22 23:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				08/19/22 17:44	08/20/22 23:27	1
o-Terphenyl	74		70 - 130				08/19/22 17:44	08/20/22 23:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5930		99.8		mg/Kg			08/23/22 12:04	20

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

Lab Sample ID: 880-18343-43

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130				08/19/22 19:05	08/20/22 14:25	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/19/22 19:05	08/20/22 14:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/20/22 23:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/20/22 23:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-43

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 17:44	08/20/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				08/19/22 17:44	08/20/22 23:48	1
o-Terphenyl	67	S1-	70 - 130				08/19/22 17:44	08/20/22 23:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	665		24.9		mg/Kg			08/23/22 14:42	5

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

Lab Sample ID: 880-18343-44

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 14:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 14:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				08/19/22 19:05	08/20/22 14:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/19/22 19:05	08/20/22 14:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.0		49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 00:10	1
Diesel Range Organics (Over C10-C28)	53.0		49.9		mg/Kg		08/19/22 17:44	08/21/22 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 17:44	08/21/22 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				08/19/22 17:44	08/21/22 00:10	1
o-Terphenyl	72		70 - 130				08/19/22 17:44	08/21/22 00:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2110		25.3		mg/Kg			08/23/22 14:50	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-45

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 15:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	08/19/22 19:05	08/20/22 15:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/19/22 19:05	08/20/22 15:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 04:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 04:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	08/19/22 10:34	08/20/22 04:52	1
o-Terphenyl	99		70 - 130	08/19/22 10:34	08/20/22 04:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	990		25.0		mg/Kg			08/23/22 14:58	5

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

Lab Sample ID: 880-18343-46

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 15:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130	08/19/22 19:05	08/20/22 15:43	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/19/22 19:05	08/20/22 15:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-46

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 05:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 05:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/19/22 10:34	08/20/22 05:13	1
o-Terphenyl	106		70 - 130				08/19/22 10:34	08/20/22 05:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.8		5.00		mg/Kg			08/23/22 12:31	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-18343-1	T-1 (0-1)	80	119
880-18343-1 MS	T-1 (0-1)	106	95
880-18343-1 MSD	T-1 (0-1)	103	99
880-18343-2	T-1 (1.5)	106	96
880-18343-3	T-1 (2)	99	102
880-18343-4	T-1 (3)	106	102
880-18343-5	T-1 (4)	100	106
880-18343-6	T-2 (0-1)	95	99
880-18343-7	T-2 (1.5)	83	109
880-18343-8	T-2 (2)	105	104
880-18343-9	T-2 (3)	101	102
880-18343-10	T-2 (4)	85	107
880-18343-11	T-2 (5)	103	98
880-18343-12	T-2 (6)	96	97
880-18343-13	T-3 (0-1)	100	102
880-18343-14	T-3 (1.5)	104	98
880-18343-15	T-3 (2)	96	105
880-18343-16	T-3 (3)	96	106
880-18343-17	T-3 (4)	88	112
880-18343-18	T-3 (5)	94	103
880-18343-19	T-4 (0-1)	99	101
880-18343-20	T-4 (1.5)	101	105
880-18343-21	T-4 (2)	94	109
880-18343-21 MS	T-4 (2)	103	106
880-18343-21 MSD	T-4 (2)	103	107
880-18343-22	T-4 (3)	103	105
880-18343-23	T-4 (4)	94	103
880-18343-24	T-5 (0-1)	82	112
880-18343-25	T-5 (1.5)	100	103
880-18343-26	T-5 (2)	105	98
880-18343-27	T-5 (3)	98	104
880-18343-28	T-5 (4)	101	105
880-18343-29	T-6 (0-1)	105	90
880-18343-30	T-6 (1.5)	95	107
880-18343-31	T-6 (2)	98	101
880-18343-32	T-6 (3)	88	92
880-18343-33	T-6 (4)	99	107
880-18343-34	T-7 (0-1)	92	99
880-18343-35	T-7 (1.5)	94	100
880-18343-36	T-7 (2)	93	103
880-18343-37	T-7 (3)	97	93
880-18343-38	T-7 (4)	91	97
880-18343-39	H-1 (0-0.5)	97	101
880-18343-40	H-2 (0-0.5)	92	95
880-18343-41	H-3 (0-0.5)	180 S1+	74
880-18343-41 MS	H-3 (0-0.5)	151 S1+	91
880-18343-41 MSD	H-3 (0-0.5)	135 S1+	97
880-18343-42	H-4 (0-0.5)	158 S1+	108
880-18343-43	H-5 (0-0.5)	180 S1+	87

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18343-1

Project/Site: Striker 1 SWD

SDG: EddyCo, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-18343-44	H-6 (0-0.5)	178 S1+	87
880-18343-45	H-7 (0-0.5)	169 S1+	91
880-18343-46	H-8 (0-0.5)	203 S1+	97
LCS 880-32519/1-A	Lab Control Sample	111	94
LCS 880-32520/1-A	Lab Control Sample	101	101
LCS 880-32546/1-A	Lab Control Sample	169 S1+	88
LCSD 880-32519/2-A	Lab Control Sample Dup	103	95
LCSD 880-32520/2-A	Lab Control Sample Dup	100	105
LCSD 880-32546/2-A	Lab Control Sample Dup	172 S1+	95
MB 880-32516/5-A	Method Blank	79	119
MB 880-32519/5-A	Method Blank	78	112
MB 880-32520/5-A	Method Blank	77	121
MB 880-32546/5-A	Method Blank	137 S1+	70
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)
880-18343-1	T-1 (0-1)	112	96
880-18343-1 MS	T-1 (0-1)	104	86
880-18343-1 MSD	T-1 (0-1)	85	72
880-18343-2	T-1 (1.5)	116	103
880-18343-3	T-1 (2)	126	108
880-18343-4	T-1 (3)	117	102
880-18343-5	T-1 (4)	129	111
880-18343-6	T-2 (0-1)	108	94
880-18343-7	T-2 (1.5)	111	98
880-18343-8	T-2 (2)	102	89
880-18343-9	T-2 (3)	116	100
880-18343-10	T-2 (4)	136 S1+	117
880-18343-11	T-2 (5)	105	91
880-18343-12	T-2 (6)	110	97
880-18343-13	T-3 (0-1)	111	99
880-18343-14	T-3 (1.5)	101	90
880-18343-15	T-3 (2)	101	87
880-18343-16	T-3 (3)	117	103
880-18343-17	T-3 (4)	107	95
880-18343-18	T-3 (5)	106	93
880-18343-19	T-4 (0-1)	101	86
880-18343-20	T-4 (1.5)	126	110
880-18343-21	T-4 (2)	86	86
880-18343-21 MS	T-4 (2)	68 S1-	63 S1-
880-18343-21 MSD	T-4 (2)	69 S1-	62 S1-
880-18343-22	T-4 (3)	74	75
880-18343-23	T-4 (4)	71	73

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-18343-1

Project/Site: Striker 1 SWD

SDG: EddyCo, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)
Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18343-24	T-5 (0-1)	76	74
880-18343-25	T-5 (1.5)	74	74
880-18343-26	T-5 (2)	72	73
880-18343-27	T-5 (3)	73	74
880-18343-28	T-5 (4)	71	72
880-18343-29	T-6 (0-1)	74	74
880-18343-30	T-6 (1.5)	76	76
880-18343-31	T-6 (2)	81	81
880-18343-32	T-6 (3)	83	86
880-18343-33	T-6 (4)	70	71
880-18343-34	T-7 (0-1)	50 S1-	49 S1-
880-18343-35	T-7 (1.5)	77	79
880-18343-36	T-7 (2)	72	72
880-18343-37	T-7 (3)	64 S1-	64 S1-
880-18343-38	T-7 (4)	83	86
880-18343-39	H-1 (0-0.5)	27 S1-	17 S1-
880-18343-40	H-2 (0-0.5)	31 S1-	22 S1-
880-18343-41	H-3 (0-0.5)	67 S1-	68 S1-
880-18343-42	H-4 (0-0.5)	70	74
880-18343-43	H-5 (0-0.5)	62 S1-	67 S1-
880-18343-44	H-6 (0-0.5)	68 S1-	72
880-18343-45	H-7 (0-0.5)	112	99
880-18343-46	H-8 (0-0.5)	120	106
880-18344-A-1-B MS	Matrix Spike	106	95
880-18344-A-1-C MSD	Matrix Spike Duplicate	97	85
890-2767-A-1-C MS	Matrix Spike	1 S1-	2 S1-
890-2767-A-1-D MSD	Matrix Spike Duplicate	1 S1-	2 S1-
LCS 880-32492/2-A	Lab Control Sample	131 S1+	119
LCS 880-32493/2-A	Lab Control Sample	102	104
LCS 880-32495/2-A	Lab Control Sample	114	103
LCS 880-32542/2-A	Lab Control Sample	84	84
LCSD 880-32492/3-A	Lab Control Sample Dup	112	102
LCSD 880-32493/3-A	Lab Control Sample Dup	100	102
LCSD 880-32495/3-A	Lab Control Sample Dup	116	103
LCSD 880-32542/3-A	Lab Control Sample Dup	97	99
MB 880-32492/1-A	Method Blank	106	97
MB 880-32493/1-A	Method Blank	80	85
MB 880-32495/1-A	Method Blank	113	107
MB 880-32542/1-A	Method Blank	72	74

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32516/5-A

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 13:53	08/19/22 15:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 13:53	08/19/22 15:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 13:53	08/19/22 15:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 13:53	08/19/22 15:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 13:53	08/19/22 15:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 13:53	08/19/22 15:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	08/19/22 13:53	08/19/22 15:05	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/19/22 13:53	08/19/22 15:05	1

Lab Sample ID: MB 880-32519/5-A

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32519

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 02:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:54	08/20/22 02:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:54	08/20/22 02:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/19/22 15:54	08/20/22 02:16	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/19/22 15:54	08/20/22 02:16	1

Lab Sample ID: LCS 880-32519/1-A

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07066		mg/Kg		71	70 - 130
Toluene	0.100	0.08569		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.09068		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1740		mg/Kg		87	70 - 130
o-Xylene	0.100	0.09299		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-32519/2-A

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32519

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08681		mg/Kg		87	70 - 130	21	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: LCSD 880-32519/2-A

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32519

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09874		mg/Kg		99	70 - 130	14	35
Ethylbenzene	0.100	0.1026		mg/Kg		103	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1951		mg/Kg		98	70 - 130	11	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	12	35

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

Lab Sample ID: 880-18343-1 MS

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 32519

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.05939	F1	mg/Kg		59	70 - 130
Toluene	<0.00200	U	0.100	0.07354		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07517		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1409		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.07679		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-18343-1 MSD

Matrix: Solid

Analysis Batch: 32427

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 32519

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	0.07506		mg/Kg		75	70 - 130	23	35
Toluene	<0.00200	U	0.100	0.08293		mg/Kg		83	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.08091		mg/Kg		81	70 - 130	7	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1510		mg/Kg		75	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.08068		mg/Kg		81	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-32520/5-A

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 15:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 15:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 15:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 15:44	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: MB 880-32520/5-A

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 15:57	08/20/22 15:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 15:57	08/20/22 15:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	08/19/22 15:57	08/20/22 15:44	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/19/22 15:57	08/20/22 15:44	1

Lab Sample ID: LCS 880-32520/1-A

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09108		mg/Kg		91	70 - 130
Toluene	0.100	0.09791		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09900		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1810		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09853		mg/Kg		98	70 - 130

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

Lab Sample ID: LCSD 880-32520/2-A

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32520

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1106		mg/Kg		111	70 - 130	19	35
Toluene	0.100	0.1067		mg/Kg		107	70 - 130	9	35
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1891		mg/Kg		95	70 - 130	4	35
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-18343-21 MS

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: T-4 (2)

Prep Type: Total/NA

Prep Batch: 32520

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0998	0.07592		mg/Kg		76	70 - 130
Toluene	<0.00200	U F1	0.0998	0.07246		mg/Kg		73	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.07946		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1495		mg/Kg		75	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08087		mg/Kg		81	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-21 MS

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: T-4 (2)

Prep Type: Total/NA

Prep Batch: 32520

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-18343-21 MSD

Matrix: Solid

Analysis Batch: 32558

Client Sample ID: T-4 (2)

Prep Type: Total/NA

Prep Batch: 32520

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	0.06858	F1	mg/Kg		69	70 - 130	10	35
Toluene	<0.00200	U F1	0.100	0.06538	F1	mg/Kg		65	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07865		mg/Kg		79	70 - 130	1	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1465		mg/Kg		73	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.07930		mg/Kg		79	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-32546/5-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32546

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:06	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/19/22 19:05	08/20/22 13:06	1			
1,4-Difluorobenzene (Surr)	70		70 - 130	08/19/22 19:05	08/20/22 13:06	1			

Lab Sample ID: LCS 880-32546/1-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1122		mg/Kg		112	70 - 130
Toluene	0.100	0.1076		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1111		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2195		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1104		mg/Kg		110	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: LCS 880-32546/1-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32546

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

Lab Sample ID: LCSD 880-32546/2-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32546

	LCS	LCS									
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1101		mg/Kg		110	70 - 130	2	35
Toluene			0.100	0.1109		mg/Kg		111	70 - 130	3	35
Ethylbenzene			0.100	0.1157		mg/Kg		116	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2325		mg/Kg		116	70 - 130	6	35
o-Xylene			0.100	0.1143		mg/Kg		114	70 - 130	3	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-18343-41 MS

Matrix: Solid

Analysis Batch: 32557

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

Prep Type: Total/NA

Prep Batch: 32546

	Sample	Sample	Spike	MS	MS						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.0998	0.06586	F1	mg/Kg		66	70 - 130		
Toluene	<0.00200	U F1	0.0998	0.06287	F1	mg/Kg		63	70 - 130		
Ethylbenzene	<0.00200	U F1	0.0998	0.06376	F1	mg/Kg		64	70 - 130		
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.1242	F1	mg/Kg		62	70 - 130		
o-Xylene	<0.00200	U F1	0.0998	0.06236	F1	mg/Kg		62	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-18343-41 MSD

Matrix: Solid

Analysis Batch: 32557

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

Prep Type: Total/NA

Prep Batch: 32546

	Sample	Sample	Spike	MSD	MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.05278	F1	mg/Kg		53	70 - 130	22	35
Toluene	<0.00200	U F1	0.0996	0.04927	F1	mg/Kg		49	70 - 130	24	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04714	F1	mg/Kg		47	70 - 130	30	35
m-Xylene & p-Xylene	<0.00400	U F1	0.199	0.09242	F1	mg/Kg		46	70 - 130	29	35
o-Xylene	<0.00200	U F1	0.0996	0.04828	F1	mg/Kg		48	70 - 130	25	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: MB 880-32492/1-A

Matrix: Solid

Analysis Batch: 32549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 10:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 10:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:28	08/20/22 10:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/19/22 10:28	08/20/22 10:14	1
o-Terphenyl	97		70 - 130				08/19/22 10:28	08/20/22 10:14	1

Lab Sample ID: LCS 880-32492/2-A

Matrix: Solid

Analysis Batch: 32549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1106		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1110		mg/Kg		111	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	131	S1+	70 - 130				
o-Terphenyl	119		70 - 130				

Lab Sample ID: LCSD 880-32492/3-A

Matrix: Solid

Analysis Batch: 32549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	983.0		mg/Kg		98	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	935.8		mg/Kg		94	70 - 130	17	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: 880-18343-1 MS

Matrix: Solid

Analysis Batch: 32549

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 32492

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	1136		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1114		mg/Kg		108	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-1 MS

Matrix: Solid

Analysis Batch: 32549

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 32492

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-18343-1 MSD

Matrix: Solid

Analysis Batch: 32549

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 32492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	999.5		mg/Kg		97	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	922.5		mg/Kg		89	70 - 130	19	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	72		70 - 130

Lab Sample ID: MB 880-32493/1-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 10:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 10:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:31	08/20/22 10:14	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	80		70 - 130	08/19/22 10:31	08/20/22 10:14	1			
o-Terphenyl	85		70 - 130	08/19/22 10:31	08/20/22 10:14	1			

Lab Sample ID: LCS 880-32493/2-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	986.3		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	955.4		mg/Kg		96	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	104		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: LCSD 880-32493/3-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32493

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	912.0		mg/Kg		91	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	930.2		mg/Kg		93	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: 880-18343-21 MS

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: T-4 (2)

Prep Type: Total/NA

Prep Batch: 32493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	755.0		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)	49.9	F1	999	648.0	F1	mg/Kg		60	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	68	S1-	70 - 130								
o-Terphenyl	63	S1-	70 - 130								

Lab Sample ID: 880-18343-21 MSD

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: T-4 (2)

Prep Type: Total/NA

Prep Batch: 32493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	822.5		mg/Kg		82	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	49.9	F1	998	659.7	F1	mg/Kg		61	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	69	S1-	70 - 130								
o-Terphenyl	62	S1-	70 - 130								

Lab Sample ID: MB 880-32495/1-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 20:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 20:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 20:12	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: MB 880-32495/1-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32495

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	113		70 - 130	08/19/22 10:34	08/19/22 20:12	1				
o-Terphenyl	107		70 - 130	08/19/22 10:34	08/19/22 20:12	1				

Lab Sample ID: LCS 880-32495/2-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32495

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	910.6		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	971.0		mg/Kg		97	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: LCSD 880-32495/3-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32495

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	944.5		mg/Kg		94	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	978.0		mg/Kg		98	70 - 130	1	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	116		70 - 130									
o-Terphenyl	103		70 - 130									

Lab Sample ID: 880-18344-A-1-B MS

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32495

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1229		mg/Kg		119	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1276		mg/Kg		128	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	106		70 - 130									
o-Terphenyl	95		70 - 130									

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18344-A-1-C MSD

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32495

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1140		mg/Kg		111	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1153		mg/Kg		116	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: MB 880-32542/1-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 20:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 20:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 17:44	08/20/22 20:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/19/22 17:44	08/20/22 20:12	1
o-Terphenyl	74		70 - 130				08/19/22 17:44	08/20/22 20:12	1

Lab Sample ID: LCS 880-32542/2-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	721.7		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	785.3		mg/Kg		79	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	84		70 - 130						
o-Terphenyl	84		70 - 130						

Lab Sample ID: LCSD 880-32542/3-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32542

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	812.5		mg/Kg		81	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	905.4		mg/Kg		91	70 - 130	14	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: LCSD 880-32542/3-A

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32542

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-2767-A-1-C MS

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32542

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	997	<49.9	U F1	mg/Kg		1	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.3	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	1	S1-	70 - 130
o-Terphenyl	2	S1-	70 - 130

Lab Sample ID: 890-2767-A-1-D MSD

Matrix: Solid

Analysis Batch: 32551

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32542

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	995	<49.8	U F1	mg/Kg		1	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	<49.8	U F1	mg/Kg		-0.2	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	1	S1-	70 - 130
o-Terphenyl	2	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32496/1-A

Matrix: Solid

Analysis Batch: 32604

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/23/22 11:23	1

Lab Sample ID: LCS 880-32496/2-A

Matrix: Solid

Analysis Batch: 32604

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.4		mg/Kg		98	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-32496/3-A

Matrix: Solid

Analysis Batch: 32604

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: 880-18343-41 MS

Matrix: Solid

Analysis Batch: 32604

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1310	F1	1250	2785	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 880-18343-41 MSD

Matrix: Solid

Analysis Batch: 32604

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1310	F1	1250	2788	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: MB 880-32494/1-A

Matrix: Solid

Analysis Batch: 32605

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/23/22 01:42	1

Lab Sample ID: LCS 880-32494/2-A

Matrix: Solid

Analysis Batch: 32605

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.7		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-32494/3-A

Matrix: Solid

Analysis Batch: 32605

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	245.5		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-18343-21 MS

Matrix: Solid

Analysis Batch: 32605

Client Sample ID: T-4 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	536	F1	2480	3463	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 880-18343-21 MSD

Matrix: Solid

Analysis Batch: 32605

Client Sample ID: T-4 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	536	F1	2480	3426	F1	mg/Kg		117	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18343-31 MS

Matrix: Solid

Analysis Batch: 32605

Client Sample ID: T-6 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	876		249	1126		mg/Kg		101	90 - 110	

Lab Sample ID: 880-18343-31 MSD

Matrix: Solid

Analysis Batch: 32605

Client Sample ID: T-6 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	876		249	1125		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-32488/1-A

Matrix: Solid

Analysis Batch: 32614

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/23/22 06:32	1

Lab Sample ID: LCS 880-32488/2-A

Matrix: Solid

Analysis Batch: 32614

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	250	247.5		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-32488/3-A

Matrix: Solid

Analysis Batch: 32614

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	244.7		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-18343-1 MS

Matrix: Solid

Analysis Batch: 32614

Client Sample ID: T-1 (0-1)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	2890	F1	2500	5998	F1	mg/Kg		124	90 - 110	

Lab Sample ID: 880-18343-1 MSD

Matrix: Solid

Analysis Batch: 32614

Client Sample ID: T-1 (0-1)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2890	F1	2500	5988	F1	mg/Kg		124	90 - 110	0	20

Lab Sample ID: 880-18343-11 MS

Matrix: Solid

Analysis Batch: 32614

Client Sample ID: T-2 (5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	397	F1	1250	1858	F1	mg/Kg		117	90 - 110	

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QC Sample Results

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18343-11 MSD							Client Sample ID: T-2 (5)					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 32614												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	397	F1	1250	1860	F1	mg/Kg		117	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC VOA

Analysis Batch: 32427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Total/NA	Solid	8021B	32519
880-18343-2	T-1 (1.5)	Total/NA	Solid	8021B	32519
880-18343-3	T-1 (2)	Total/NA	Solid	8021B	32519
880-18343-4	T-1 (3)	Total/NA	Solid	8021B	32519
880-18343-5	T-1 (4)	Total/NA	Solid	8021B	32519
880-18343-6	T-2 (0-1)	Total/NA	Solid	8021B	32519
880-18343-7	T-2 (1.5)	Total/NA	Solid	8021B	32519
880-18343-8	T-2 (2)	Total/NA	Solid	8021B	32519
880-18343-9	T-2 (3)	Total/NA	Solid	8021B	32519
880-18343-10	T-2 (4)	Total/NA	Solid	8021B	32519
880-18343-11	T-2 (5)	Total/NA	Solid	8021B	32519
880-18343-12	T-2 (6)	Total/NA	Solid	8021B	32519
880-18343-13	T-3 (0-1)	Total/NA	Solid	8021B	32519
880-18343-14	T-3 (1.5)	Total/NA	Solid	8021B	32519
880-18343-15	T-3 (2)	Total/NA	Solid	8021B	32519
880-18343-16	T-3 (3)	Total/NA	Solid	8021B	32519
880-18343-17	T-3 (4)	Total/NA	Solid	8021B	32519
880-18343-18	T-3 (5)	Total/NA	Solid	8021B	32519
880-18343-19	T-4 (0-1)	Total/NA	Solid	8021B	32519
880-18343-20	T-4 (1.5)	Total/NA	Solid	8021B	32519
MB 880-32516/5-A	Method Blank	Total/NA	Solid	8021B	32516
MB 880-32519/5-A	Method Blank	Total/NA	Solid	8021B	32519
LCS 880-32519/1-A	Lab Control Sample	Total/NA	Solid	8021B	32519
LCSD 880-32519/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32519
880-18343-1 MS	T-1 (0-1)	Total/NA	Solid	8021B	32519
880-18343-1 MSD	T-1 (0-1)	Total/NA	Solid	8021B	32519

Prep Batch: 32516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32516/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 32519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Total/NA	Solid	5035	
880-18343-2	T-1 (1.5)	Total/NA	Solid	5035	
880-18343-3	T-1 (2)	Total/NA	Solid	5035	
880-18343-4	T-1 (3)	Total/NA	Solid	5035	
880-18343-5	T-1 (4)	Total/NA	Solid	5035	
880-18343-6	T-2 (0-1)	Total/NA	Solid	5035	
880-18343-7	T-2 (1.5)	Total/NA	Solid	5035	
880-18343-8	T-2 (2)	Total/NA	Solid	5035	
880-18343-9	T-2 (3)	Total/NA	Solid	5035	
880-18343-10	T-2 (4)	Total/NA	Solid	5035	
880-18343-11	T-2 (5)	Total/NA	Solid	5035	
880-18343-12	T-2 (6)	Total/NA	Solid	5035	
880-18343-13	T-3 (0-1)	Total/NA	Solid	5035	
880-18343-14	T-3 (1.5)	Total/NA	Solid	5035	
880-18343-15	T-3 (2)	Total/NA	Solid	5035	
880-18343-16	T-3 (3)	Total/NA	Solid	5035	
880-18343-17	T-3 (4)	Total/NA	Solid	5035	
880-18343-18	T-3 (5)	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC VOA (Continued)

Prep Batch: 32519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-19	T-4 (0-1)	Total/NA	Solid	5035	
880-18343-20	T-4 (1.5)	Total/NA	Solid	5035	
MB 880-32519/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32519/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32519/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18343-1 MS	T-1 (0-1)	Total/NA	Solid	5035	
880-18343-1 MSD	T-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 32520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21	T-4 (2)	Total/NA	Solid	5035	
880-18343-22	T-4 (3)	Total/NA	Solid	5035	
880-18343-23	T-4 (4)	Total/NA	Solid	5035	
880-18343-24	T-5 (0-1)	Total/NA	Solid	5035	
880-18343-25	T-5 (1.5)	Total/NA	Solid	5035	
880-18343-26	T-5 (2)	Total/NA	Solid	5035	
880-18343-27	T-5 (3)	Total/NA	Solid	5035	
880-18343-28	T-5 (4)	Total/NA	Solid	5035	
880-18343-29	T-6 (0-1)	Total/NA	Solid	5035	
880-18343-30	T-6 (1.5)	Total/NA	Solid	5035	
880-18343-31	T-6 (2)	Total/NA	Solid	5035	
880-18343-32	T-6 (3)	Total/NA	Solid	5035	
880-18343-33	T-6 (4)	Total/NA	Solid	5035	
880-18343-34	T-7 (0-1)	Total/NA	Solid	5035	
880-18343-35	T-7 (1.5)	Total/NA	Solid	5035	
880-18343-36	T-7 (2)	Total/NA	Solid	5035	
880-18343-37	T-7 (3)	Total/NA	Solid	5035	
880-18343-38	T-7 (4)	Total/NA	Solid	5035	
880-18343-39	H-1 (0-0.5)	Total/NA	Solid	5035	
880-18343-40	H-2 (0-0.5)	Total/NA	Solid	5035	
MB 880-32520/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32520/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32520/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18343-21 MS	T-4 (2)	Total/NA	Solid	5035	
880-18343-21 MSD	T-4 (2)	Total/NA	Solid	5035	

Prep Batch: 32546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-41	H-3 (0-0.5)	Total/NA	Solid	5035	
880-18343-42	H-4 (0-0.5)	Total/NA	Solid	5035	
880-18343-43	H-5 (0-0.5)	Total/NA	Solid	5035	
880-18343-44	H-6 (0-0.5)	Total/NA	Solid	5035	
880-18343-45	H-7 (0-0.5)	Total/NA	Solid	5035	
880-18343-46	H-8 (0-0.5)	Total/NA	Solid	5035	
MB 880-32546/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32546/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32546/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18343-41 MS	H-3 (0-0.5)	Total/NA	Solid	5035	
880-18343-41 MSD	H-3 (0-0.5)	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC VOA

Analysis Batch: 32557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-41	H-3 (0-0.5)	Total/NA	Solid	8021B	32546
880-18343-42	H-4 (0-0.5)	Total/NA	Solid	8021B	32546
880-18343-43	H-5 (0-0.5)	Total/NA	Solid	8021B	32546
880-18343-44	H-6 (0-0.5)	Total/NA	Solid	8021B	32546
880-18343-45	H-7 (0-0.5)	Total/NA	Solid	8021B	32546
880-18343-46	H-8 (0-0.5)	Total/NA	Solid	8021B	32546
MB 880-32546/5-A	Method Blank	Total/NA	Solid	8021B	32546
LCS 880-32546/1-A	Lab Control Sample	Total/NA	Solid	8021B	32546
LCSD 880-32546/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32546
880-18343-41 MS	H-3 (0-0.5)	Total/NA	Solid	8021B	32546
880-18343-41 MSD	H-3 (0-0.5)	Total/NA	Solid	8021B	32546

Analysis Batch: 32558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21	T-4 (2)	Total/NA	Solid	8021B	32520
880-18343-22	T-4 (3)	Total/NA	Solid	8021B	32520
880-18343-23	T-4 (4)	Total/NA	Solid	8021B	32520
880-18343-24	T-5 (0-1)	Total/NA	Solid	8021B	32520
880-18343-25	T-5 (1.5)	Total/NA	Solid	8021B	32520
880-18343-26	T-5 (2)	Total/NA	Solid	8021B	32520
880-18343-27	T-5 (3)	Total/NA	Solid	8021B	32520
880-18343-28	T-5 (4)	Total/NA	Solid	8021B	32520
880-18343-29	T-6 (0-1)	Total/NA	Solid	8021B	32520
880-18343-30	T-6 (1.5)	Total/NA	Solid	8021B	32520
880-18343-31	T-6 (2)	Total/NA	Solid	8021B	32520
880-18343-32	T-6 (3)	Total/NA	Solid	8021B	32520
880-18343-33	T-6 (4)	Total/NA	Solid	8021B	32520
880-18343-34	T-7 (0-1)	Total/NA	Solid	8021B	32520
880-18343-35	T-7 (1.5)	Total/NA	Solid	8021B	32520
880-18343-36	T-7 (2)	Total/NA	Solid	8021B	32520
880-18343-37	T-7 (3)	Total/NA	Solid	8021B	32520
880-18343-38	T-7 (4)	Total/NA	Solid	8021B	32520
880-18343-39	H-1 (0-0.5)	Total/NA	Solid	8021B	32520
880-18343-40	H-2 (0-0.5)	Total/NA	Solid	8021B	32520
MB 880-32520/5-A	Method Blank	Total/NA	Solid	8021B	32520
LCS 880-32520/1-A	Lab Control Sample	Total/NA	Solid	8021B	32520
LCSD 880-32520/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32520
880-18343-21 MS	T-4 (2)	Total/NA	Solid	8021B	32520
880-18343-21 MSD	T-4 (2)	Total/NA	Solid	8021B	32520

Analysis Batch: 32615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-2	T-1 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-3	T-1 (2)	Total/NA	Solid	Total BTEX	
880-18343-4	T-1 (3)	Total/NA	Solid	Total BTEX	
880-18343-5	T-1 (4)	Total/NA	Solid	Total BTEX	
880-18343-6	T-2 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-7	T-2 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-8	T-2 (2)	Total/NA	Solid	Total BTEX	
880-18343-9	T-2 (3)	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC VOA (Continued)

Analysis Batch: 32615 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-10	T-2 (4)	Total/NA	Solid	Total BTEX	
880-18343-11	T-2 (5)	Total/NA	Solid	Total BTEX	
880-18343-12	T-2 (6)	Total/NA	Solid	Total BTEX	
880-18343-13	T-3 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-14	T-3 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-15	T-3 (2)	Total/NA	Solid	Total BTEX	
880-18343-16	T-3 (3)	Total/NA	Solid	Total BTEX	
880-18343-17	T-3 (4)	Total/NA	Solid	Total BTEX	
880-18343-18	T-3 (5)	Total/NA	Solid	Total BTEX	
880-18343-19	T-4 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-20	T-4 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-21	T-4 (2)	Total/NA	Solid	Total BTEX	
880-18343-22	T-4 (3)	Total/NA	Solid	Total BTEX	
880-18343-23	T-4 (4)	Total/NA	Solid	Total BTEX	
880-18343-24	T-5 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-25	T-5 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-26	T-5 (2)	Total/NA	Solid	Total BTEX	
880-18343-27	T-5 (3)	Total/NA	Solid	Total BTEX	
880-18343-28	T-5 (4)	Total/NA	Solid	Total BTEX	
880-18343-29	T-6 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-30	T-6 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-31	T-6 (2)	Total/NA	Solid	Total BTEX	
880-18343-32	T-6 (3)	Total/NA	Solid	Total BTEX	
880-18343-33	T-6 (4)	Total/NA	Solid	Total BTEX	
880-18343-34	T-7 (0-1)	Total/NA	Solid	Total BTEX	
880-18343-35	T-7 (1.5)	Total/NA	Solid	Total BTEX	
880-18343-36	T-7 (2)	Total/NA	Solid	Total BTEX	
880-18343-37	T-7 (3)	Total/NA	Solid	Total BTEX	
880-18343-38	T-7 (4)	Total/NA	Solid	Total BTEX	
880-18343-39	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-40	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-41	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-42	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-43	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-44	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-45	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	
880-18343-46	H-8 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 32462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-45	H-7 (0-0.5)	Total/NA	Solid	8015B NM	32495
880-18343-46	H-8 (0-0.5)	Total/NA	Solid	8015B NM	32495
MB 880-32495/1-A	Method Blank	Total/NA	Solid	8015B NM	32495
LCS 880-32495/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32495
LCSD 880-32495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32495
880-18344-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	32495
880-18344-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32495

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC Semi VOA

Prep Batch: 32492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-2	T-1 (1.5)	Total/NA	Solid	8015NM Prep	
880-18343-3	T-1 (2)	Total/NA	Solid	8015NM Prep	
880-18343-4	T-1 (3)	Total/NA	Solid	8015NM Prep	
880-18343-5	T-1 (4)	Total/NA	Solid	8015NM Prep	
880-18343-6	T-2 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-7	T-2 (1.5)	Total/NA	Solid	8015NM Prep	
880-18343-8	T-2 (2)	Total/NA	Solid	8015NM Prep	
880-18343-9	T-2 (3)	Total/NA	Solid	8015NM Prep	
880-18343-10	T-2 (4)	Total/NA	Solid	8015NM Prep	
880-18343-11	T-2 (5)	Total/NA	Solid	8015NM Prep	
880-18343-12	T-2 (6)	Total/NA	Solid	8015NM Prep	
880-18343-13	T-3 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-14	T-3 (1.5)	Total/NA	Solid	8015NM Prep	
880-18343-15	T-3 (2)	Total/NA	Solid	8015NM Prep	
880-18343-16	T-3 (3)	Total/NA	Solid	8015NM Prep	
880-18343-17	T-3 (4)	Total/NA	Solid	8015NM Prep	
880-18343-18	T-3 (5)	Total/NA	Solid	8015NM Prep	
880-18343-19	T-4 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-20	T-4 (1.5)	Total/NA	Solid	8015NM Prep	
MB 880-32492/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32492/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32492/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18343-1 MS	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-1 MSD	T-1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 32493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21	T-4 (2)	Total/NA	Solid	8015NM Prep	
880-18343-22	T-4 (3)	Total/NA	Solid	8015NM Prep	
880-18343-23	T-4 (4)	Total/NA	Solid	8015NM Prep	
880-18343-24	T-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-25	T-5 (1.5)	Total/NA	Solid	8015NM Prep	
880-18343-26	T-5 (2)	Total/NA	Solid	8015NM Prep	
880-18343-27	T-5 (3)	Total/NA	Solid	8015NM Prep	
880-18343-28	T-5 (4)	Total/NA	Solid	8015NM Prep	
880-18343-29	T-6 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-30	T-6 (1.5)	Total/NA	Solid	8015NM Prep	
880-18343-31	T-6 (2)	Total/NA	Solid	8015NM Prep	
880-18343-32	T-6 (3)	Total/NA	Solid	8015NM Prep	
880-18343-33	T-6 (4)	Total/NA	Solid	8015NM Prep	
880-18343-34	T-7 (0-1)	Total/NA	Solid	8015NM Prep	
880-18343-35	T-7 (1.5)	Total/NA	Solid	8015NM Prep	
880-18343-36	T-7 (2)	Total/NA	Solid	8015NM Prep	
880-18343-37	T-7 (3)	Total/NA	Solid	8015NM Prep	
880-18343-38	T-7 (4)	Total/NA	Solid	8015NM Prep	
880-18343-39	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-18343-40	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-32493/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32493/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32493/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC Semi VOA (Continued)

Prep Batch: 32493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21 MS	T-4 (2)	Total/NA	Solid	8015NM Prep	
880-18343-21 MSD	T-4 (2)	Total/NA	Solid	8015NM Prep	

Prep Batch: 32495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-45	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-18343-46	H-8 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-32495/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32495/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18344-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18344-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 32542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-41	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-18343-42	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-18343-43	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-18343-44	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-32542/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32542/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2767-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2767-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Total/NA	Solid	8015B NM	32492
880-18343-2	T-1 (1.5)	Total/NA	Solid	8015B NM	32492
880-18343-3	T-1 (2)	Total/NA	Solid	8015B NM	32492
880-18343-4	T-1 (3)	Total/NA	Solid	8015B NM	32492
880-18343-5	T-1 (4)	Total/NA	Solid	8015B NM	32492
880-18343-6	T-2 (0-1)	Total/NA	Solid	8015B NM	32492
880-18343-7	T-2 (1.5)	Total/NA	Solid	8015B NM	32492
880-18343-8	T-2 (2)	Total/NA	Solid	8015B NM	32492
880-18343-9	T-2 (3)	Total/NA	Solid	8015B NM	32492
880-18343-10	T-2 (4)	Total/NA	Solid	8015B NM	32492
880-18343-11	T-2 (5)	Total/NA	Solid	8015B NM	32492
880-18343-12	T-2 (6)	Total/NA	Solid	8015B NM	32492
880-18343-13	T-3 (0-1)	Total/NA	Solid	8015B NM	32492
880-18343-14	T-3 (1.5)	Total/NA	Solid	8015B NM	32492
880-18343-15	T-3 (2)	Total/NA	Solid	8015B NM	32492
880-18343-16	T-3 (3)	Total/NA	Solid	8015B NM	32492
880-18343-17	T-3 (4)	Total/NA	Solid	8015B NM	32492
880-18343-18	T-3 (5)	Total/NA	Solid	8015B NM	32492
880-18343-19	T-4 (0-1)	Total/NA	Solid	8015B NM	32492
880-18343-20	T-4 (1.5)	Total/NA	Solid	8015B NM	32492
MB 880-32492/1-A	Method Blank	Total/NA	Solid	8015B NM	32492
LCS 880-32492/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32492
LCSD 880-32492/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32492
880-18343-1 MS	T-1 (0-1)	Total/NA	Solid	8015B NM	32492

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC Semi VOA (Continued)

Analysis Batch: 32549 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1 MSD	T-1 (0-1)	Total/NA	Solid	8015B NM	32492

Analysis Batch: 32551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21	T-4 (2)	Total/NA	Solid	8015B NM	32493
880-18343-22	T-4 (3)	Total/NA	Solid	8015B NM	32493
880-18343-23	T-4 (4)	Total/NA	Solid	8015B NM	32493
880-18343-24	T-5 (0-1)	Total/NA	Solid	8015B NM	32493
880-18343-25	T-5 (1.5)	Total/NA	Solid	8015B NM	32493
880-18343-26	T-5 (2)	Total/NA	Solid	8015B NM	32493
880-18343-27	T-5 (3)	Total/NA	Solid	8015B NM	32493
880-18343-28	T-5 (4)	Total/NA	Solid	8015B NM	32493
880-18343-29	T-6 (0-1)	Total/NA	Solid	8015B NM	32493
880-18343-30	T-6 (1.5)	Total/NA	Solid	8015B NM	32493
880-18343-31	T-6 (2)	Total/NA	Solid	8015B NM	32493
880-18343-32	T-6 (3)	Total/NA	Solid	8015B NM	32493
880-18343-33	T-6 (4)	Total/NA	Solid	8015B NM	32493
880-18343-34	T-7 (0-1)	Total/NA	Solid	8015B NM	32493
880-18343-35	T-7 (1.5)	Total/NA	Solid	8015B NM	32493
880-18343-36	T-7 (2)	Total/NA	Solid	8015B NM	32493
880-18343-37	T-7 (3)	Total/NA	Solid	8015B NM	32493
880-18343-38	T-7 (4)	Total/NA	Solid	8015B NM	32493
880-18343-39	H-1 (0-0.5)	Total/NA	Solid	8015B NM	32493
880-18343-40	H-2 (0-0.5)	Total/NA	Solid	8015B NM	32493
880-18343-41	H-3 (0-0.5)	Total/NA	Solid	8015B NM	32542
880-18343-42	H-4 (0-0.5)	Total/NA	Solid	8015B NM	32542
880-18343-43	H-5 (0-0.5)	Total/NA	Solid	8015B NM	32542
880-18343-44	H-6 (0-0.5)	Total/NA	Solid	8015B NM	32542
MB 880-32493/1-A	Method Blank	Total/NA	Solid	8015B NM	32493
MB 880-32542/1-A	Method Blank	Total/NA	Solid	8015B NM	32542
LCS 880-32493/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32493
LCS 880-32542/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32542
LCSD 880-32493/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32493
LCSD 880-32542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32542
880-18343-21 MS	T-4 (2)	Total/NA	Solid	8015B NM	32493
880-18343-21 MSD	T-4 (2)	Total/NA	Solid	8015B NM	32493
890-2767-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	32542
890-2767-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32542

Analysis Batch: 32651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Total/NA	Solid	8015 NM	
880-18343-2	T-1 (1.5)	Total/NA	Solid	8015 NM	
880-18343-3	T-1 (2)	Total/NA	Solid	8015 NM	
880-18343-4	T-1 (3)	Total/NA	Solid	8015 NM	
880-18343-5	T-1 (4)	Total/NA	Solid	8015 NM	
880-18343-6	T-2 (0-1)	Total/NA	Solid	8015 NM	
880-18343-7	T-2 (1.5)	Total/NA	Solid	8015 NM	
880-18343-8	T-2 (2)	Total/NA	Solid	8015 NM	
880-18343-9	T-2 (3)	Total/NA	Solid	8015 NM	
880-18343-10	T-2 (4)	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

GC Semi VOA (Continued)

Analysis Batch: 32651 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-11	T-2 (5)	Total/NA	Solid	8015 NM	
880-18343-12	T-2 (6)	Total/NA	Solid	8015 NM	
880-18343-13	T-3 (0-1)	Total/NA	Solid	8015 NM	
880-18343-14	T-3 (1.5)	Total/NA	Solid	8015 NM	
880-18343-15	T-3 (2)	Total/NA	Solid	8015 NM	
880-18343-16	T-3 (3)	Total/NA	Solid	8015 NM	
880-18343-17	T-3 (4)	Total/NA	Solid	8015 NM	
880-18343-18	T-3 (5)	Total/NA	Solid	8015 NM	
880-18343-19	T-4 (0-1)	Total/NA	Solid	8015 NM	
880-18343-20	T-4 (1.5)	Total/NA	Solid	8015 NM	
880-18343-21	T-4 (2)	Total/NA	Solid	8015 NM	
880-18343-22	T-4 (3)	Total/NA	Solid	8015 NM	
880-18343-23	T-4 (4)	Total/NA	Solid	8015 NM	
880-18343-24	T-5 (0-1)	Total/NA	Solid	8015 NM	
880-18343-25	T-5 (1.5)	Total/NA	Solid	8015 NM	
880-18343-26	T-5 (2)	Total/NA	Solid	8015 NM	
880-18343-27	T-5 (3)	Total/NA	Solid	8015 NM	
880-18343-28	T-5 (4)	Total/NA	Solid	8015 NM	
880-18343-29	T-6 (0-1)	Total/NA	Solid	8015 NM	
880-18343-30	T-6 (1.5)	Total/NA	Solid	8015 NM	
880-18343-31	T-6 (2)	Total/NA	Solid	8015 NM	
880-18343-32	T-6 (3)	Total/NA	Solid	8015 NM	
880-18343-33	T-6 (4)	Total/NA	Solid	8015 NM	
880-18343-34	T-7 (0-1)	Total/NA	Solid	8015 NM	
880-18343-35	T-7 (1.5)	Total/NA	Solid	8015 NM	
880-18343-36	T-7 (2)	Total/NA	Solid	8015 NM	
880-18343-37	T-7 (3)	Total/NA	Solid	8015 NM	
880-18343-38	T-7 (4)	Total/NA	Solid	8015 NM	
880-18343-39	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-40	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-41	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-42	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-43	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-44	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-45	H-7 (0-0.5)	Total/NA	Solid	8015 NM	
880-18343-46	H-8 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Soluble	Solid	DI Leach	
880-18343-2	T-1 (1.5)	Soluble	Solid	DI Leach	
880-18343-3	T-1 (2)	Soluble	Solid	DI Leach	
880-18343-4	T-1 (3)	Soluble	Solid	DI Leach	
880-18343-5	T-1 (4)	Soluble	Solid	DI Leach	
880-18343-6	T-2 (0-1)	Soluble	Solid	DI Leach	
880-18343-7	T-2 (1.5)	Soluble	Solid	DI Leach	
880-18343-8	T-2 (2)	Soluble	Solid	DI Leach	
880-18343-9	T-2 (3)	Soluble	Solid	DI Leach	
880-18343-10	T-2 (4)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

HPLC/IC (Continued)

Leach Batch: 32488 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-11	T-2 (5)	Soluble	Solid	DI Leach	
880-18343-12	T-2 (6)	Soluble	Solid	DI Leach	
880-18343-13	T-3 (0-1)	Soluble	Solid	DI Leach	
880-18343-14	T-3 (1.5)	Soluble	Solid	DI Leach	
880-18343-15	T-3 (2)	Soluble	Solid	DI Leach	
880-18343-16	T-3 (3)	Soluble	Solid	DI Leach	
880-18343-17	T-3 (4)	Soluble	Solid	DI Leach	
880-18343-18	T-3 (5)	Soluble	Solid	DI Leach	
880-18343-19	T-4 (0-1)	Soluble	Solid	DI Leach	
880-18343-20	T-4 (1.5)	Soluble	Solid	DI Leach	
MB 880-32488/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32488/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32488/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18343-1 MS	T-1 (0-1)	Soluble	Solid	DI Leach	
880-18343-1 MSD	T-1 (0-1)	Soluble	Solid	DI Leach	
880-18343-11 MS	T-2 (5)	Soluble	Solid	DI Leach	
880-18343-11 MSD	T-2 (5)	Soluble	Solid	DI Leach	

Leach Batch: 32494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21	T-4 (2)	Soluble	Solid	DI Leach	
880-18343-22	T-4 (3)	Soluble	Solid	DI Leach	
880-18343-23	T-4 (4)	Soluble	Solid	DI Leach	
880-18343-24	T-5 (0-1)	Soluble	Solid	DI Leach	
880-18343-25	T-5 (1.5)	Soluble	Solid	DI Leach	
880-18343-26	T-5 (2)	Soluble	Solid	DI Leach	
880-18343-27	T-5 (3)	Soluble	Solid	DI Leach	
880-18343-28	T-5 (4)	Soluble	Solid	DI Leach	
880-18343-29	T-6 (0-1)	Soluble	Solid	DI Leach	
880-18343-30	T-6 (1.5)	Soluble	Solid	DI Leach	
880-18343-31	T-6 (2)	Soluble	Solid	DI Leach	
880-18343-32	T-6 (3)	Soluble	Solid	DI Leach	
880-18343-33	T-6 (4)	Soluble	Solid	DI Leach	
880-18343-34	T-7 (0-1)	Soluble	Solid	DI Leach	
880-18343-35	T-7 (1.5)	Soluble	Solid	DI Leach	
880-18343-36	T-7 (2)	Soluble	Solid	DI Leach	
880-18343-37	T-7 (3)	Soluble	Solid	DI Leach	
880-18343-38	T-7 (4)	Soluble	Solid	DI Leach	
880-18343-39	H-1 (0-0.5)	Soluble	Solid	DI Leach	
880-18343-40	H-2 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-32494/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32494/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32494/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18343-21 MS	T-4 (2)	Soluble	Solid	DI Leach	
880-18343-21 MSD	T-4 (2)	Soluble	Solid	DI Leach	
880-18343-31 MS	T-6 (2)	Soluble	Solid	DI Leach	
880-18343-31 MSD	T-6 (2)	Soluble	Solid	DI Leach	

Leach Batch: 32496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-41	H-3 (0-0.5)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

HPLC/IC (Continued)

Leach Batch: 32496 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-42	H-4 (0-0.5)	Soluble	Solid	DI Leach	
880-18343-43	H-5 (0-0.5)	Soluble	Solid	DI Leach	
880-18343-44	H-6 (0-0.5)	Soluble	Solid	DI Leach	
880-18343-45	H-7 (0-0.5)	Soluble	Solid	DI Leach	
880-18343-46	H-8 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-32496/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32496/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32496/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18343-41 MS	H-3 (0-0.5)	Soluble	Solid	DI Leach	
880-18343-41 MSD	H-3 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 32604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-41	H-3 (0-0.5)	Soluble	Solid	300.0	32496
880-18343-42	H-4 (0-0.5)	Soluble	Solid	300.0	32496
880-18343-43	H-5 (0-0.5)	Soluble	Solid	300.0	32496
880-18343-44	H-6 (0-0.5)	Soluble	Solid	300.0	32496
880-18343-45	H-7 (0-0.5)	Soluble	Solid	300.0	32496
880-18343-46	H-8 (0-0.5)	Soluble	Solid	300.0	32496
MB 880-32496/1-A	Method Blank	Soluble	Solid	300.0	32496
LCS 880-32496/2-A	Lab Control Sample	Soluble	Solid	300.0	32496
LCSD 880-32496/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32496
880-18343-41 MS	H-3 (0-0.5)	Soluble	Solid	300.0	32496
880-18343-41 MSD	H-3 (0-0.5)	Soluble	Solid	300.0	32496

Analysis Batch: 32605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21	T-4 (2)	Soluble	Solid	300.0	32494
880-18343-22	T-4 (3)	Soluble	Solid	300.0	32494
880-18343-23	T-4 (4)	Soluble	Solid	300.0	32494
880-18343-24	T-5 (0-1)	Soluble	Solid	300.0	32494
880-18343-25	T-5 (1.5)	Soluble	Solid	300.0	32494
880-18343-26	T-5 (2)	Soluble	Solid	300.0	32494
880-18343-27	T-5 (3)	Soluble	Solid	300.0	32494
880-18343-28	T-5 (4)	Soluble	Solid	300.0	32494
880-18343-29	T-6 (0-1)	Soluble	Solid	300.0	32494
880-18343-30	T-6 (1.5)	Soluble	Solid	300.0	32494
880-18343-31	T-6 (2)	Soluble	Solid	300.0	32494
880-18343-32	T-6 (3)	Soluble	Solid	300.0	32494
880-18343-33	T-6 (4)	Soluble	Solid	300.0	32494
880-18343-34	T-7 (0-1)	Soluble	Solid	300.0	32494
880-18343-35	T-7 (1.5)	Soluble	Solid	300.0	32494
880-18343-36	T-7 (2)	Soluble	Solid	300.0	32494
880-18343-37	T-7 (3)	Soluble	Solid	300.0	32494
880-18343-38	T-7 (4)	Soluble	Solid	300.0	32494
880-18343-39	H-1 (0-0.5)	Soluble	Solid	300.0	32494
880-18343-40	H-2 (0-0.5)	Soluble	Solid	300.0	32494
MB 880-32494/1-A	Method Blank	Soluble	Solid	300.0	32494
LCS 880-32494/2-A	Lab Control Sample	Soluble	Solid	300.0	32494
LCSD 880-32494/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32494
880-18343-21 MS	T-4 (2)	Soluble	Solid	300.0	32494

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QC Association Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

HPLC/IC (Continued)

Analysis Batch: 32605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-21 MSD	T-4 (2)	Soluble	Solid	300.0	32494
880-18343-31 MS	T-6 (2)	Soluble	Solid	300.0	32494
880-18343-31 MSD	T-6 (2)	Soluble	Solid	300.0	32494

Analysis Batch: 32614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18343-1	T-1 (0-1)	Soluble	Solid	300.0	32488
880-18343-2	T-1 (1.5)	Soluble	Solid	300.0	32488
880-18343-3	T-1 (2)	Soluble	Solid	300.0	32488
880-18343-4	T-1 (3)	Soluble	Solid	300.0	32488
880-18343-5	T-1 (4)	Soluble	Solid	300.0	32488
880-18343-6	T-2 (0-1)	Soluble	Solid	300.0	32488
880-18343-7	T-2 (1.5)	Soluble	Solid	300.0	32488
880-18343-8	T-2 (2)	Soluble	Solid	300.0	32488
880-18343-9	T-2 (3)	Soluble	Solid	300.0	32488
880-18343-10	T-2 (4)	Soluble	Solid	300.0	32488
880-18343-11	T-2 (5)	Soluble	Solid	300.0	32488
880-18343-12	T-2 (6)	Soluble	Solid	300.0	32488
880-18343-13	T-3 (0-1)	Soluble	Solid	300.0	32488
880-18343-14	T-3 (1.5)	Soluble	Solid	300.0	32488
880-18343-15	T-3 (2)	Soluble	Solid	300.0	32488
880-18343-16	T-3 (3)	Soluble	Solid	300.0	32488
880-18343-17	T-3 (4)	Soluble	Solid	300.0	32488
880-18343-18	T-3 (5)	Soluble	Solid	300.0	32488
880-18343-19	T-4 (0-1)	Soluble	Solid	300.0	32488
880-18343-20	T-4 (1.5)	Soluble	Solid	300.0	32488
MB 880-32488/1-A	Method Blank	Soluble	Solid	300.0	32488
LCS 880-32488/2-A	Lab Control Sample	Soluble	Solid	300.0	32488
LCSD 880-32488/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32488
880-18343-1 MS	T-1 (0-1)	Soluble	Solid	300.0	32488
880-18343-1 MSD	T-1 (0-1)	Soluble	Solid	300.0	32488
880-18343-11 MS	T-2 (5)	Soluble	Solid	300.0	32488
880-18343-11 MSD	T-2 (5)	Soluble	Solid	300.0	32488

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-18343-1

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 02:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 11:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		10			32614	08/23/22 07:04	CH	EET MID

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-18343-2

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 03:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 12:31	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 07:27	CH	EET MID

Client Sample ID: T-1 (2)

Lab Sample ID: 880-18343-3

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 03:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 12:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 07:35	CH	EET MID

Client Sample ID: T-1 (3)

Lab Sample ID: 880-18343-4

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 03:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-1 (3)

Lab Sample ID: 880-18343-4

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 13:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		1			32614	08/23/22 07:43	CH	EET MID

Client Sample ID: T-1 (4)

Lab Sample ID: 880-18343-5

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 04:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 13:37	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		1			32614	08/23/22 07:51	CH	EET MID

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-18343-6

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 04:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 13:58	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		20			32614	08/23/22 08:23	CH	EET MID

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-18343-7

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 04:53	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 14:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (1.5)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-7

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 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		10			32614	08/23/22 08:31	CH	EET MID

Client Sample ID: T-2 (2)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 05:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 14:43	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		1			32614	08/23/22 08:39	CH	EET MID

Client Sample ID: T-2 (3)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-9

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	4.99 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 05:34	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 15:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		10			32614	08/23/22 08:46	CH	EET MID

Client Sample ID: T-2 (4)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-10

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	4.98 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 05:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 15:26	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 08:54	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-2 (5)

Lab Sample ID: 880-18343-11

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.02 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 08:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 16:11	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 09:02	CH	EET MID

Client Sample ID: T-2 (6)

Lab Sample ID: 880-18343-12

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.02 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 08:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 16:33	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		1			32614	08/23/22 09:26	CH	EET MID

Client Sample ID: T-3 (0-1)

Lab Sample ID: 880-18343-13

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 09:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 16:55	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		10			32614	08/23/22 09:33	CH	EET MID

Client Sample ID: T-3 (1.5)

Lab Sample ID: 880-18343-14

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 09:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (1.5)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 17:17	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 09:57	CH	EET MID

Client Sample ID: T-3 (2)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 10:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 17:39	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 10:05	CH	EET MID

Client Sample ID: T-3 (3)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	4.99 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 10:26	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 18:01	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		10			32614	08/23/22 10:13	CH	EET MID

Client Sample ID: T-3 (4)

Date Collected: 08/18/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18343-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5.01 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 10:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 18:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-3 (4)

Lab Sample ID: 880-18343-17

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		1			32614	08/23/22 10:21	CH	EET MID

Client Sample ID: T-3 (5)

Lab Sample ID: 880-18343-18

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 11:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 18:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 10:28	CH	EET MID

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-18343-19

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 11:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 19:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 10:36	CH	EET MID

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-18343-20

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32519	08/19/22 15:54	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32427	08/20/22 11:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32492	08/19/22 10:28	DM	EET MID
Total/NA	Analysis	8015B NM		1			32549	08/20/22 19:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32488	08/19/22 10:09	CH	EET MID
Soluble	Analysis	300.0		5			32614	08/23/22 10:44	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-4 (2)

Lab Sample ID: 880-18343-21

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.98 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 16:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 11:19	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 02:13	CH	EET MID

Client Sample ID: T-4 (3)

Lab Sample ID: 880-18343-22

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 16:34	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 12:31	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 02:37	CH	EET MID

Client Sample ID: T-4 (4)

Lab Sample ID: 880-18343-23

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 16:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 12:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 02:45	CH	EET MID

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-18343-24

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 17:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-18343-24

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 13:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 02:53	CH	EET MID

Client Sample ID: T-5 (1.5)

Lab Sample ID: 880-18343-25

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 17:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 13:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		5			32605	08/23/22 03:00	CH	EET MID

Client Sample ID: T-5 (2)

Lab Sample ID: 880-18343-26

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 17:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 13:58	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		5			32605	08/23/22 03:32	CH	EET MID

Client Sample ID: T-5 (3)

Lab Sample ID: 880-18343-27

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 18:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 14:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-5 (3)

Lab Sample ID: 880-18343-27

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 03:40	CH	EET MID

Client Sample ID: T-5 (4)

Lab Sample ID: 880-18343-28

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 18:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 14:43	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 03:47	CH	EET MID

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-18343-29

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 18:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 15:05	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 03:55	CH	EET MID

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-18343-30

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 19:18	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 15:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 04:03	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-6 (2)

Lab Sample ID: 880-18343-31

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 21:08	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 16:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 04:11	CH	EET MID

Client Sample ID: T-6 (3)

Lab Sample ID: 880-18343-32

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 21:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 16:33	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 04:35	CH	EET MID

Client Sample ID: T-6 (4)

Lab Sample ID: 880-18343-33

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 21:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 16:55	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 04:42	CH	EET MID

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-18343-34

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 22:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-18343-34

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 17:17	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		5			32605	08/23/22 05:06	CH	EET MID

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-18343-35

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 22:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 17:39	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 05:14	CH	EET MID

Client Sample ID: T-7 (2)

Lab Sample ID: 880-18343-36

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 22:50	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 18:01	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 05:22	CH	EET MID

Client Sample ID: T-7 (3)

Lab Sample ID: 880-18343-37

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 23:11	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 18:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Client Sample ID: T-7 (3)

Lab Sample ID: 880-18343-37

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		10			32605	08/23/22 05:30	CH	EET MID

Client Sample ID: T-7 (4)

Lab Sample ID: 880-18343-38

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 23:31	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 18:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		1			32605	08/23/22 05:37	CH	EET MID

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

Lab Sample ID: 880-18343-39

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.98 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/20/22 23:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 19:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		20			32605	08/23/22 05:45	CH	EET MID

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

Lab Sample ID: 880-18343-40

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32520	08/19/22 15:57	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32558	08/21/22 00:12	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32493	08/19/22 10:31	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 19:28	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32494	08/19/22 10:32	CH	EET MID
Soluble	Analysis	300.0		20			32605	08/23/22 05:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-41

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.02 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 13:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 23:06	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32496	08/19/22 10:35	CH	EET MID
Soluble	Analysis	300.0		5			32604	08/23/22 14:34	CH	EET MID

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

Lab Sample ID: 880-18343-42

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 13:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 23:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32496	08/19/22 10:35	CH	EET MID
Soluble	Analysis	300.0		20			32604	08/23/22 12:04	CH	EET MID

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

Lab Sample ID: 880-18343-43

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 14:25	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/20/22 23:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32496	08/19/22 10:35	CH	EET MID
Soluble	Analysis	300.0		5			32604	08/23/22 14:42	CH	EET MID

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

Lab Sample ID: 880-18343-44

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.01 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 14:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Lab Sample ID: 880-18343-44

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32542	08/19/22 17:44	DM	EET MID
Total/NA	Analysis	8015B NM		1			32551	08/21/22 00:10	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32496	08/19/22 10:36	CH	EET MID
Soluble	Analysis	300.0		5			32604	08/23/22 14:50	CH	EET MID

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

Lab Sample ID: 880-18343-45

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Prep 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	5.00 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 15:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 04:52	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32496	08/19/22 10:36	CH	EET MID
Soluble	Analysis	300.0		5			32604	08/23/22 14:58	CH	EET MID

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

Lab Sample ID: 880-18343-46

Date Collected: 08/18/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 15:43	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32615	08/22/22 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			32651	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 05:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32496	08/19/22 10:36	CH	EET MID
Soluble	Analysis	300.0		1			32604	08/23/22 12:31	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Striker 1 SWD

Job ID: 880-18343-1
SDG: EddyCo, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18343-1	T-1 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-2	T-1 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-3	T-1 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-4	T-1 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-5	T-1 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-6	T-2 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-7	T-2 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-8	T-2 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-9	T-2 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-10	T-2 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-11	T-2 (5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-12	T-2 (6)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-13	T-3 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-14	T-3 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-15	T-3 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-16	T-3 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-17	T-3 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-18	T-3 (5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-19	T-4 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-20	T-4 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-21	T-4 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-22	T-4 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-23	T-4 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-24	T-5 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-25	T-5 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-26	T-5 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-27	T-5 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-28	T-5 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-29	T-6 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-30	T-6 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-31	T-6 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-32	T-6 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-33	T-6 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-34	T-7 (0-1)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-35	T-7 (1.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-36	T-7 (2)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-37	T-7 (3)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-38	T-7 (4)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-39	H-1 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-40	H-2 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-41	H-3 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-42	H-4 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-43	H-5 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-44	H-6 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-45	H-7 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56
880-18343-46	H-8 (0-0.5)	Solid	08/18/22 00:00	08/19/22 09:56

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Work Order No: 18343

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Project Manager	Clint Merritt	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 9044	Email	Joseph.Vargo@nnglp.com

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

Project Name	Striker 1 SWD	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	1065	☐ Routine ☒ Rush														None NO	DI Water H ₂ O
Project Location	Eddy Co. NIM	Due Date:	24HR													Cool Cool	MeOH Me
Sampler's Name	CCM	TAT starts the day received by the lab, if received by 4:30pm														HCL HC	HNO ₃ HN
PO #																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐	Temperature Reading	1.20					H ₃ PO ₄ HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐	Temperature Reading	1.20									NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading	1.20													Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Corrected Temperature:	1.20													Zn Acetate+NaOH Zn	
Total Containers																NaOH+Ascorbic Acid SACP	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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890-18343 Chain of Custody

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Work Order No: 18843

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Project Manager	Clint Merritt	Bill to: (if different)	Joseph Vargo
Company Name	Carmona Resources	Company Name	NGI Water Solutions Permian
Address	310 W Wall St Ste 415	Address	865 North Albion St Ste 400
City, State ZIP	Midland, TX 79701	City, State ZIP	Denver, CO 80220
Phone	432 813 9044	Email	joseph.vargo@ngiwp.com

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

Project Name	Striker 1 SWD	Turn Around	Pre. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1065	☐ Routine ☒ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM	Due Date	24HR													Cool Cool	MeOH Me		
Sampler's Name	CCM	TAT starts the day received by the lab, if received by 4:30pm														HCL HC	HNO ₃ HN		
PO #:																H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact	Yes No	Thermometer ID																NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No N/A	Correction Factor																Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No N/A	Temperature Reading																Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature																NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
T-2 (5)	8/18/2022		X		Grab/	1	X	X	X									
T-2 (6)	8/18/2022		X		Grab/	1	X	X	X									
T-3 (0-1)	8/18/2022		X		Grab/	1	X	X	X									
T-3 (1 5)	8/18/2022		X		Grab/	1	X	X	X									
T-3 (2)	8/18/2022		X		Grab/	1	X	X	X									
T-3 (3)	8/18/2022		X		Grab/	1	X	X	X									
T-3 (4)	8/18/2022		X		Grab/	1	X	X	X									
T-3 (5)	8/18/2022		X		Grab/	1	X	X	X									
T-4 (0-1)	8/18/2022		X		Grab/	1	X	X	X									
T-4 (1 5)	8/18/2022		X		Grab/	1	X	X	X									

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		8/17/2022 9:54			

Work Order No: 18343

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Project Manager		Client Merritt		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 9044		Email		joseph.vargo@nqls.com	

Project Name		Striker 1 SWD		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes	
Project Number		1065		☐ Routine ☒ Rush		Due Date 24HR					
Project Location		Eddy Co, NM		CCM		TAT starts the day received by the lab if received by 4:30pm					
Sample's Name											
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							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST										Preservative Codes	Sample Comments
T-4 (2)	8/18/2022		X		Grab/	1	X	X	X												
T-4 (3)	8/18/2022		X		Grab/	1	X	X	X												
T-4 (4)	8/18/2022		X		Grab/	1	X	X	X												
T-5 (0-1)	8/18/2022		X		Grab/	1	X	X	X												
T-5 (1 5)	8/18/2022		X		Grab/	1	X	X	X												
T-5 (2)	8/18/2022		X		Grab/	1	X	X	X												
T-5 (3)	8/18/2022		X		Grab/	1	X	X	X												
T-5 (4)	8/18/2022		X		Grab/	1	X	X	X												
T-6 (0-1)	8/18/2022		X		Grab/	1	X	X	X												
T-6 (1 5)	8/18/2022		X		Grab/	1	X	X	X												

Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time	
		8/17/2022 9:56					

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Work Order No: 18343

Page 4 of 5

Project Manager	Clint Merritt	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 9044	Email	Joseph.vargo@nnglep.com

Project Name	Striker 1 SWD	Turn Around	Parameters	ANALYSIS REQUEST												Preservative Codes		
Project Number	1065	☐ Routine ☒ Rush	Due Date	24HR													None NO	DI Water H ₂ O
Project Location	Eddy Co. NM		TAT starts the day received by the lab, if received by 4:30pm														Cool Cool	MeOH Me
Sampler's Name	CCM																HCL. HC	HNO ₃ HN
PO #																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact:	Yes No		Thermometer ID														NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No N/A		Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No N/A		Temperature Reading														Zn Acetate+NaOH Zn	
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST												Sample Comments
T-6 (2)	8/18/2022		X		Grab/	1	X	X	X													
T-6 (3)	8/18/2022		X		Grab/	1	X	X	X													
T-6 (4)	8/18/2022		X		Grab/	1	X	X	X													
T-7 (0-1)	8/18/2022		X		Grab/	1	X	X	X													
T-7 (1 5)	8/18/2022		X		Grab/	1	X	X	X													
T-7 (2)	8/18/2022		X		Grab/	1	X	X	X													
T-7 (3)	8/18/2022		X		Grab/	1	X	X	X													
T-7 (4)	8/18/2022		X		Grab/	1	X	X	X													
H-1 (0-0 5)	8/18/2022		X		Grab/	1	X	X	X													
H-2 (0-0 5)	8/18/2022		X		Grab/	1	X	X	X													

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		8/17/2022 9:56			

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 ☐									

[illegible]9/7/2022 (Rev. 1)

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18343-1

SDG Number: EddyCo, NM

Login Number: 18343**List Number: 1****Creator: Rodriguez, Leticia****List Source: Eurofins Midland**

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

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

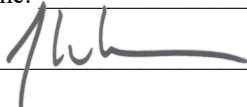
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ 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: Jocelyn Harimon Date: 09/07/2022

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

Signature: Robert Hamlet Date: 12/6/2022

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 141341

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 141341
	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 all 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 to define the edge of the release. The variance for 400 ft2 confirmation samples is approved. The work will need to occur in 90 days after the work plan has been approved.	12/6/2022