

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Appleseed Federal Com #001
Incident #: NGRL1031437678
Lea County, New Mexico
Unit H Sec 17 T20S R35E
32.5750008°, -103.4730377°

Crude Oil
Point of Release: A circulating pump was activated by the pumper causing the release of petroleum
Release Date: 07.02.2010
Volume Released: 20 Barrels of Crude Oil
Volume Recovered: 5 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Chevron U.S.A., Inc.
6301 Deauville Blvd
Midland, Texas 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992



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June 17, 2024

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

Re: Closure Report
Appleseed Federal Com #001
Chevron U.S.A., Inc.
Site Location: Unit H, S17, T20S, R35E
(Lat 32.5750008°, Long -103.4730377°)
Lea County, New Mexico

To whom it may concern:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Appleseed Federal Com #001. The site is located at 32.5750008°, -103.4730377° within Unit H, S17, T20S, R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 2, 2010, due to a circulating pump activated by the pumper causing the release of petroleum. It resulted in approximately twenty (20) barrels of crude oil and five (5) barrels of crude oil were recovered. The fluid was contained to the production well pad, as shown in Figure 3. The site has since been plugged and abandoned. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.84 miles Northwest of the site in S7, T20S, R35E and was drilled in 1986. The well has a reported depth to groundwater of 33.38' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On April 26, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of eight (8) test trenches (T-1 through T-8), and ten (10) horizontal sample points (H-1 through H-10) were installed to total depths ranging from surface to 5.0' bgs inside and surrounding the release area. See Figure 3 for the 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 Eurofions Laboratories in Midland, Texas. The samples were analyzed for total



petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

The areas of H-2 through H-10 were below the regulatory limits for Benzene, total BTEX, TPH, and Chloride concentrations. The area of H-1 showed elevated TPH at 145 mg/kg. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on June 10, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of H-1 was excavated to a depth of 1.5' bgs. A total of two (2) confirmation floor samples were collected (CS-1 and CS-2), and four (4) sidewall samples (SW-1 through SW-4) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 400 square feet of contamination was remediated, resulting in 20 cubic yards of material excavated and transported offsite for proper disposal.

6.0 Revegetation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On June 13, 2024, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The topsoil was ripped with a dozer onto the seed to aid the vegetation process. The seed mixture used was LPC Mixture. See Figure 5 for the revegetation area.

7.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

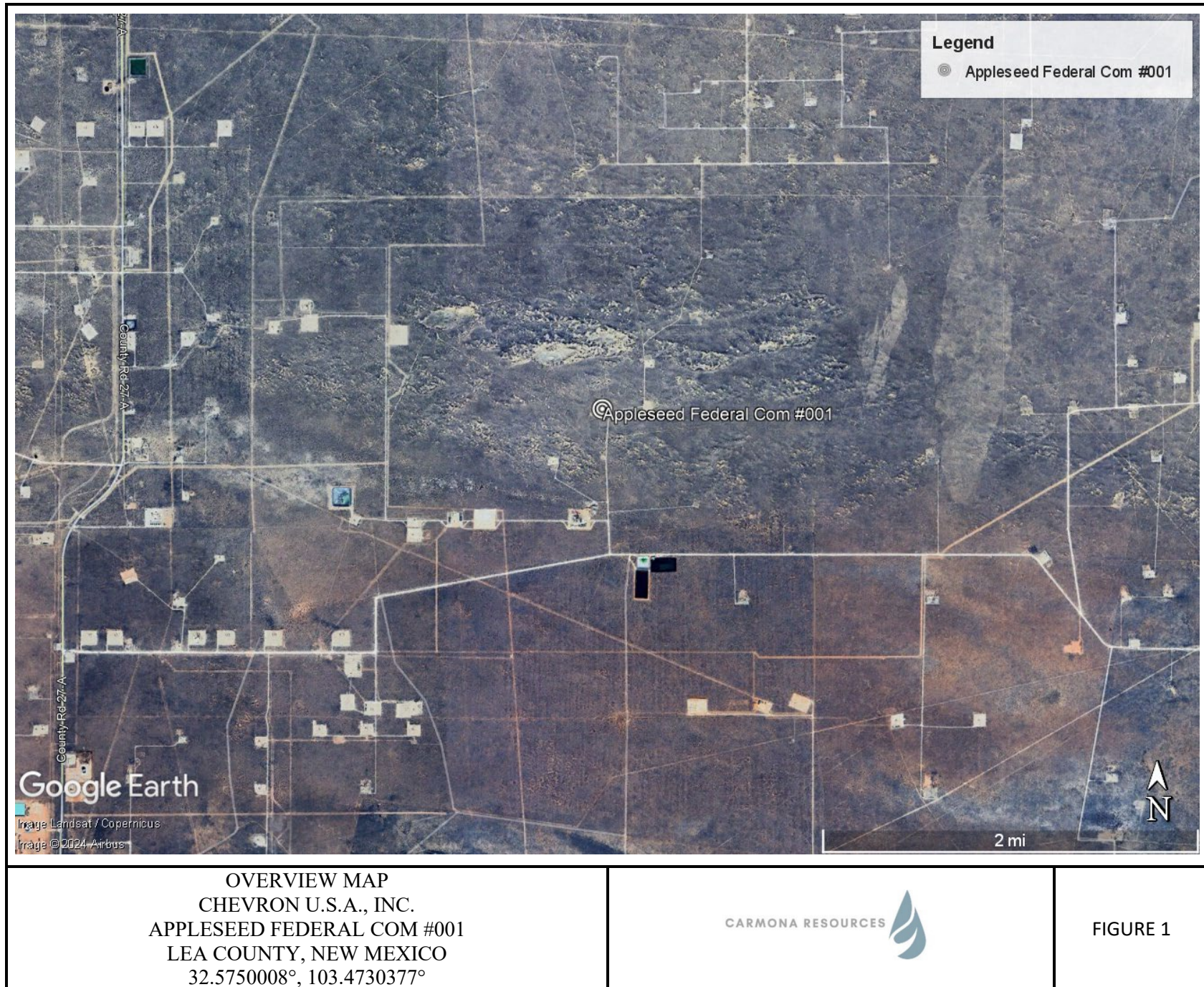
Ashton Thielke
Sr. Project Manager

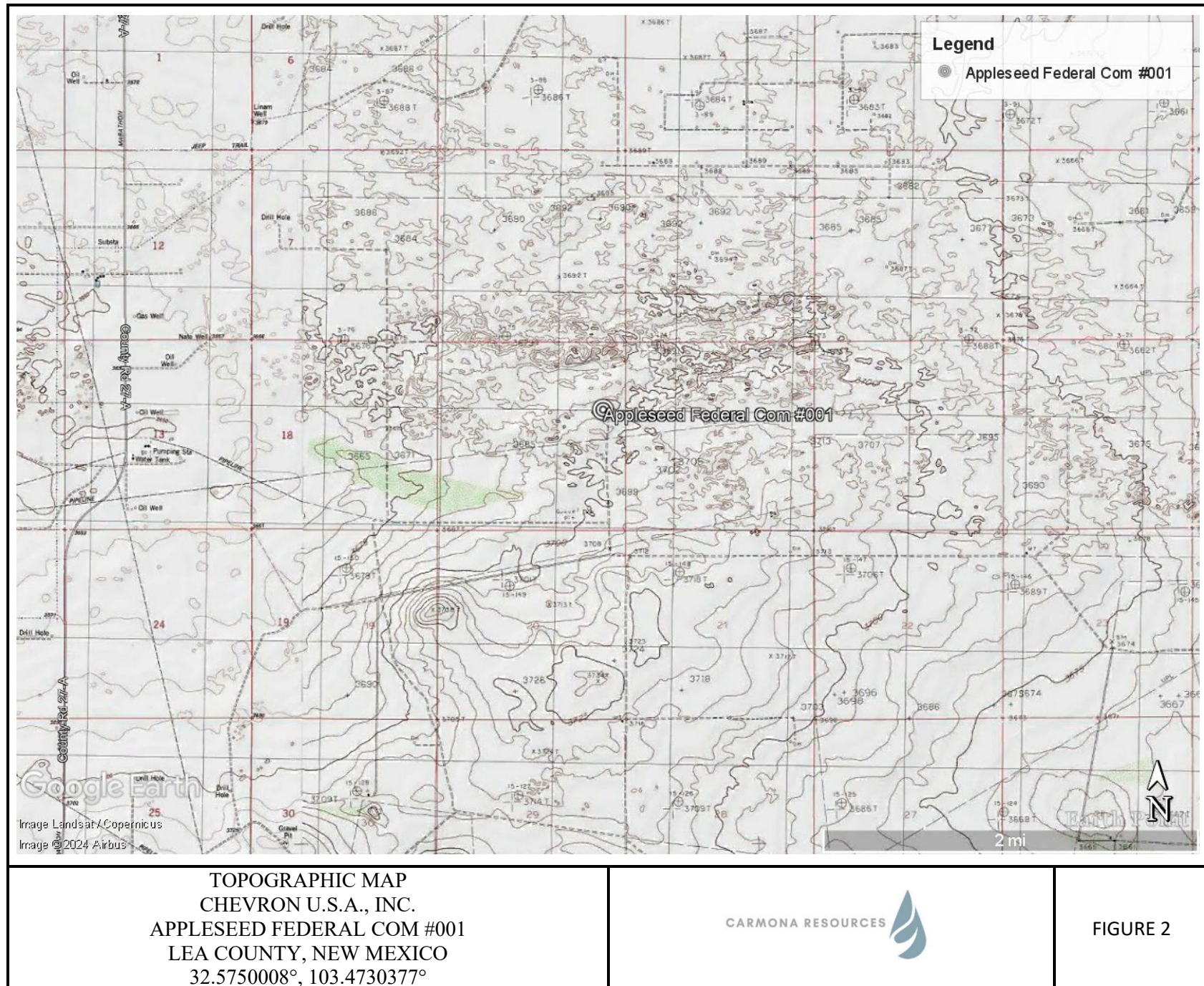
Gilbert Priego
Project Manager

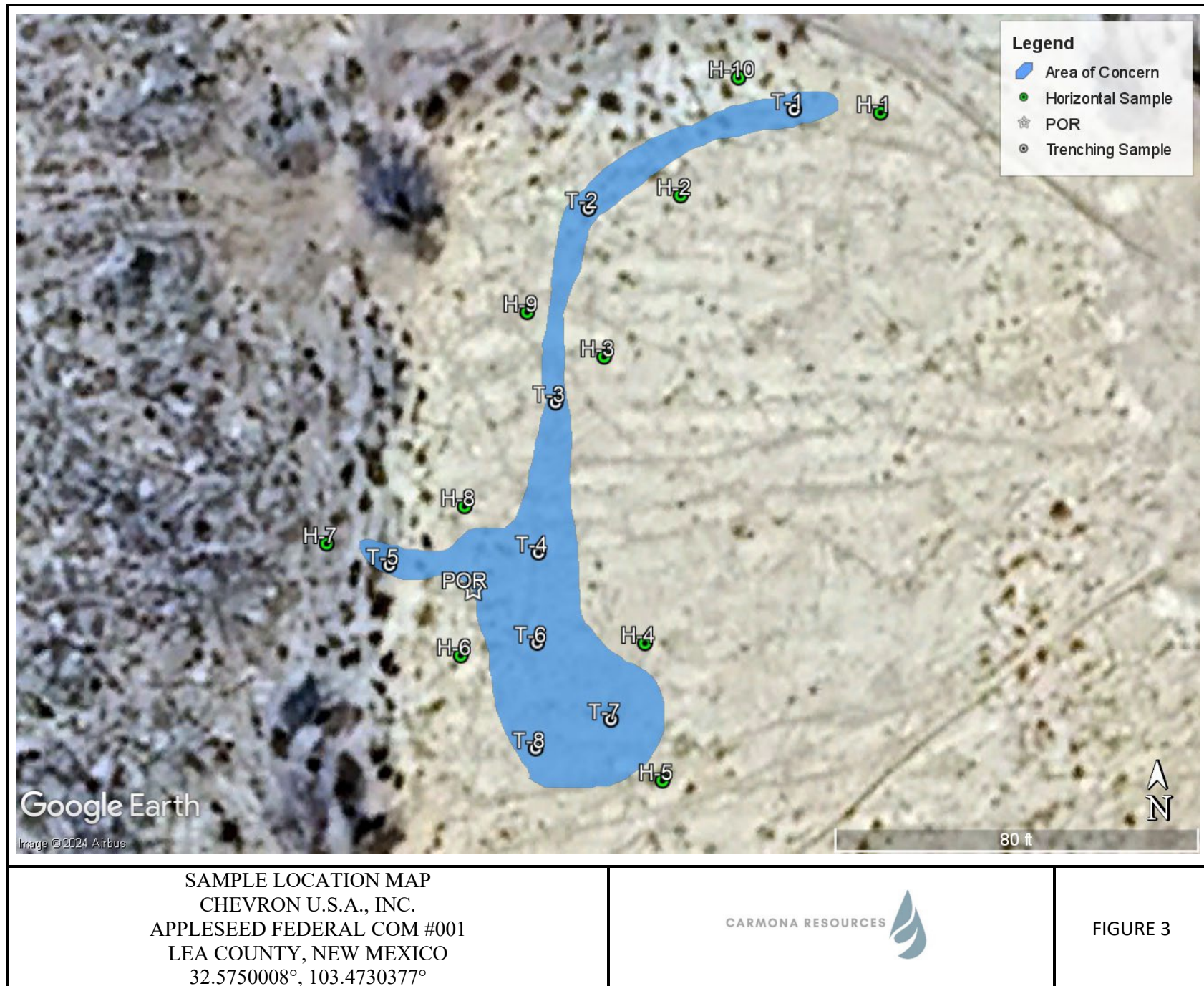
FIGURES

CARMONA RESOURCES

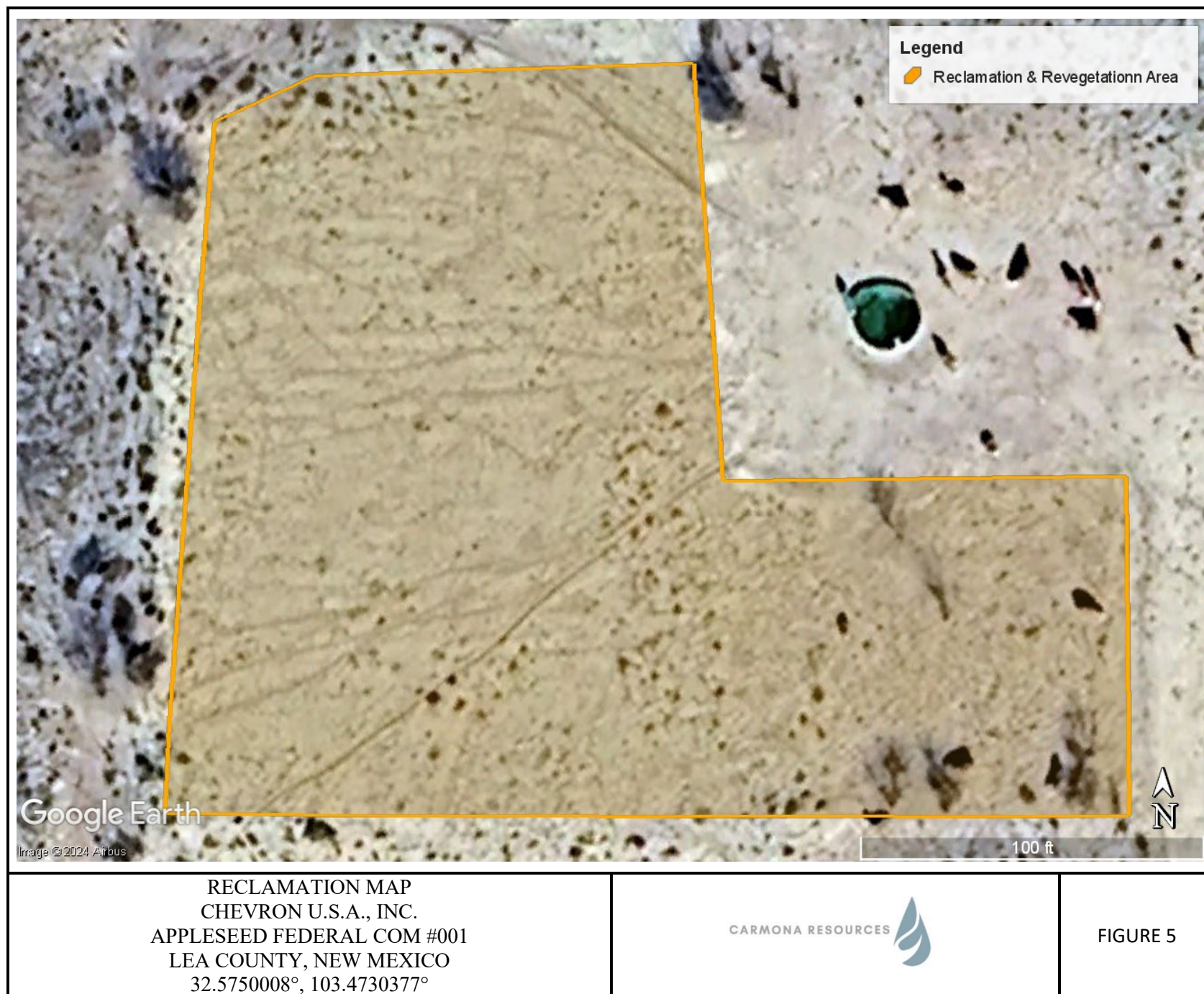












APPENDIX A

CARMONA RESOURCES



Table 1
Chevron
Appleseed Federal Com #1 (07.02.2010)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	4/26/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	26.3
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.31
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.95
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7.11
	"	4'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	8.14
T-2	4/26/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6.30
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.38
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.04
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6.11
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.40
T-3	4/26/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.98
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.00
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	18.7
	"	4'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.97
T-4	4/26/2024	0-1.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.99
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.03
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.04
	"	4'	<49.5	<49.5	<49.5	<49.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.05
T-5	4/26/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.05
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.02
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.95
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.99
T-6	4/26/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.00
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.03
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.02
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.73
T-7	4/26/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
	"	1.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.56
	"	2'	<49.6	54.5	<49.6	54.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5.30
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.17
	"	4'	<49.9	58.3	<49.9	58.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6.44
T-8	4/26/2024	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.02
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.04
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.05
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.95
	"	5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.20
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) Test Trench

Table 1
Chevron
Appleseed Federal Com #1 (07.02.2010)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	4/26/2024	0-0.5	<49.8	145	<49.8	145	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	65.0
H-2	4/26/2024	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.03
H-3	4/26/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
H-4	4/26/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.00
H-5	4/26/2024	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.98
H-6	4/26/2024	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.04
H-7	4/26/2024	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
H-8	4/26/2024	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
H-9	4/26/2024	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.02
H-10	4/26/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.04
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 Sample

Removed

Table 2
Chevron
Appleseed Federal Com #1 (07.02.2010)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/12/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.7
CS-2	6/12/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.7
SW-1	6/12/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	65.4
SW-2	6/12/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	41.1
SW-3	6/12/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.99
SW-4	6/12/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	84.8
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

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

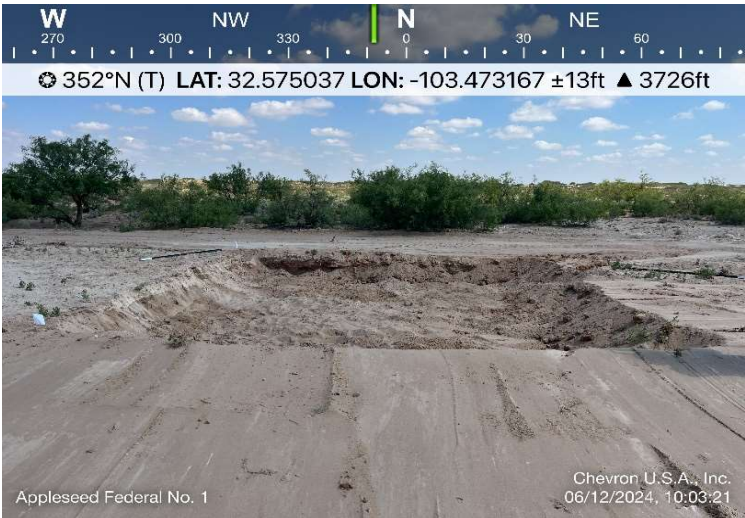
Chevron U.S.A., Inc.

Photograph No. 1

Facility: Appleseed Federal Com #001

County: Lea County, New Mexico

Description:
View North, Area of CS-1 through CS-2.

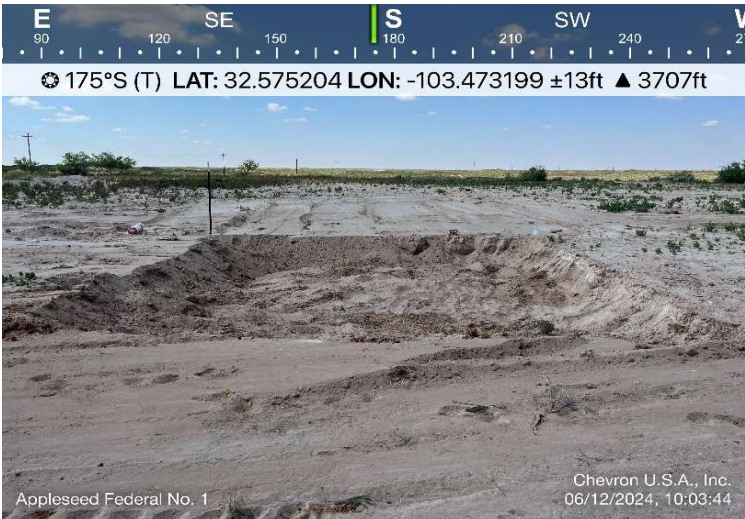


Photograph No. 2

Facility: Appleseed Federal Com #001

County: Lea County, New Mexico

Description:
View South, Area of CS-1 through CS-2.

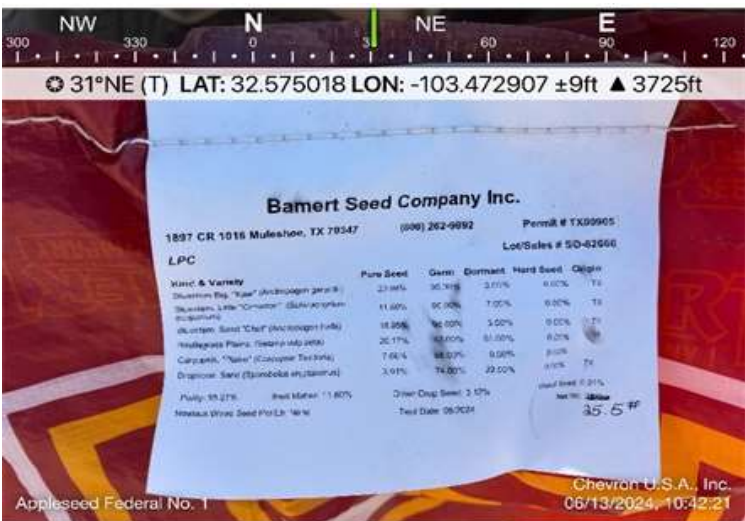


Photograph No. 3

Facility: Appleseed Federal Com #001

County: Lea County, New Mexico

Description:
View of seed mixture.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4**Facility:** Appleseed Federal Com #001**County:** Lea County, New Mexico**Description:**

View West of dozer ripping pad for seeding.

**Photograph No. 5****Facility:** Appleseed Federal Com #001**County:** Lea County, New Mexico**Description:**

View West of seed being dispersed by hand.

**Photograph No. 6****Facility:** Appleseed Federal Com #001**County:** Lea County, New Mexico**Description:**

View West of seed being dispersed by hand.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 7

Facility: Appleseed Federal Com #001

County: Lea County, New Mexico

Description:
View South of ripped well pad.



Photograph No. 8

Facility: Appleseed Federal Com #001

County: Lea County, New Mexico

Description:
View Northwest of ripped well pad.



APPENDIX C

CARMONA RESOURCES



RECEIVED

JUL 13 2010

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

HOBBSOCD

Form C-141
Revised October 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action**OPERATOR**☒ Initial Report ☐ Final Report

Name of Company: Chesapeake Energy	Contact: Bradley Blevins
Address: P.O. Box 190, Hobbs, NM 88240	Telephone No.: (505) 391-1462 ext. 6224
Facility Name: Appleseed Federal No. 1	Facility Type: Tank Battery

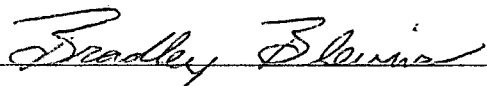
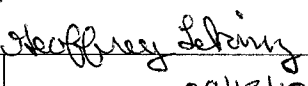
Surface Owner: Patrick Sims	Mineral Owner:	Lease No.: 30-025-20377
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	17	20S	35E					Lea

Latitude: Longitude:

NATURE OF RELEASE

Type of Release: Petroleum and/or Production fluids	Volume of Release: 20 barrels	Volume Recovered: 5 barrels
Source of Release: Flowline leak at tank battery	Date and Hour of Occurrence: 7/2/2010 @ 7:00 am	Date and Hour of Discovery: 7/2/2010 @ 10:00 am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking	
By Whom? Bradley Blevins	Date and Hour: 7/2/2010 @ 2:00 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse: WATER @ 49'	
Depth to water: >50-ft bgs.		
If a Watercourse was Impacted, Describe Fully:		
Describe Cause of Problem and Remedial Action Taken: A circulating pump was activated by the pumper causing release of petroleum. Wet/rainy conditions caused fluid to spread over a large area on West side of location. Contaminated Soil was removed and hauled to Lazy Ace landfarm.		
Describe Area Affected and Cleanup Action Taken: As majority of release was petroleum products and with ensuing rain, the area is being excavated to a depth and width necessary for removal of contaminated soil. Ensuing precipitation and weather conditions warranted immediate removal of contaminated soil to prevent horizontal coverage and vertical penetration. Field analysis for TPH will determine limits of parameters. A backhoe and front-end loader are being used for delineation and excavation. Impacted material is being transported to Lazy Ace landfarm for remediation.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.		
Signature: 		OIL CONSERVATION DIVISION
Printed Name: Bradley Blevins		ENV ENGINEER: Approved by District Supervisor: 
Title: Field Supervisor		Approval Date: 07/13/10 Expiration Date: 09/13/10
E-mail Address: Bradley.blevins@chk.com		Conditions of Approval: SUBMIT FINAL
Date: 7-12-2010 Phone: (505) 391-1462 ext. 6224		Attached ☐ IRP-VI-10-2646
C-141 BY 09/13/10.		

* Attach Additional Sheets If Necessary

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

QUESTIONS

Action 352342

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 352342
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL1031437678
Incident Name	NGRL1031437678 2010 MINOR A OS @ 30-025-20377
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-20377] APPLESEED FEDERAL COM #001

Location of Release Source	
Site Name	Unavailable.
Date Release Discovered	07/02/2010
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	390
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2024
Time sampling will commence	01:00 PM
Please provide any information necessary for observers to contact samplers	Gilbert Priego (432-813-7389)
Please provide any information necessary for navigation to sampling site	32.5750008,-103.4730377

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
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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 352342

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 352342
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/10/2024

APPENDIX D

CARMONA RESOURCES

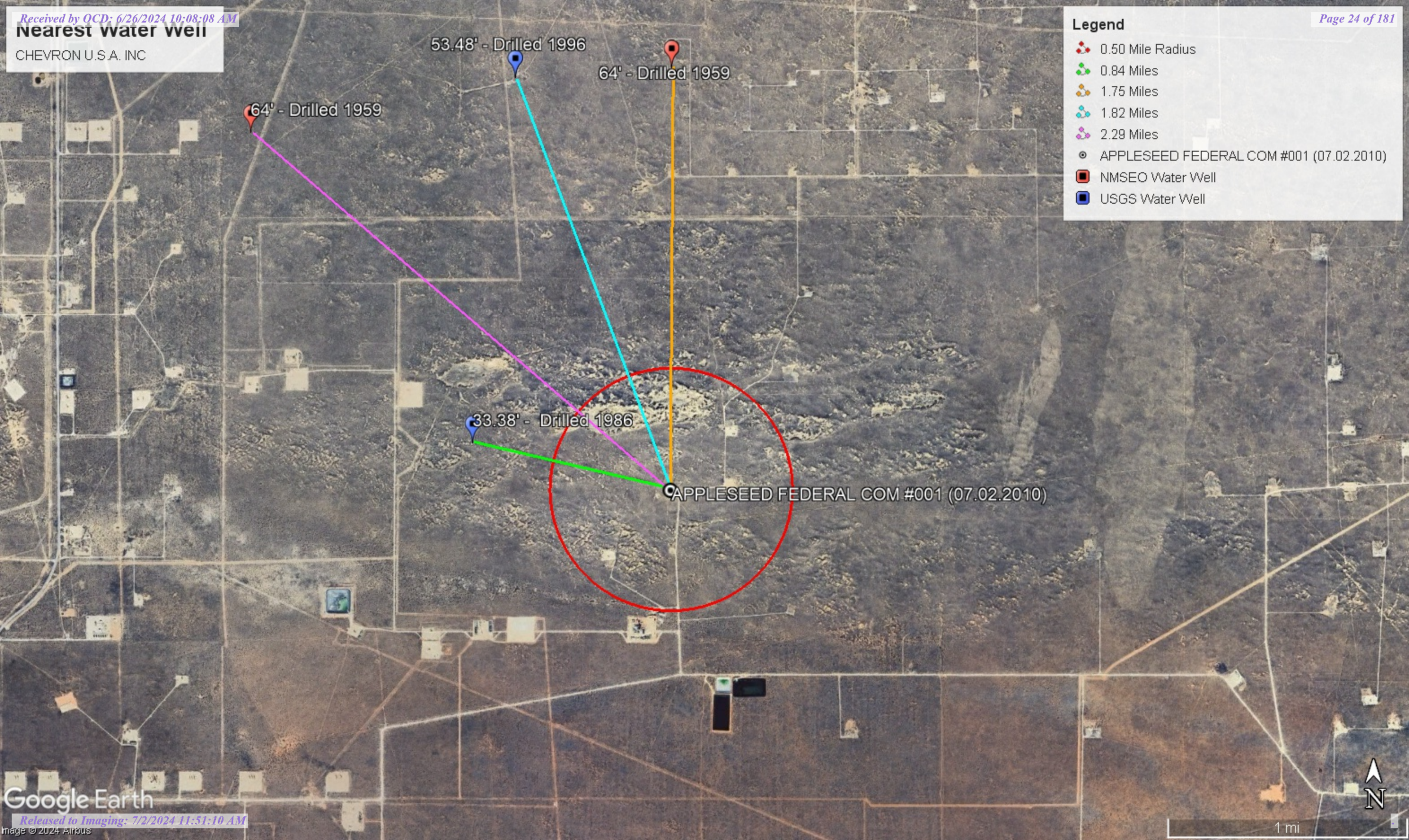


Nearest water well

CHEVRON U.S.A. INC

Legend

- 0.50 Mile Radius
- 0.84 Miles
- 1.75 Miles
- 1.82 Miles
- 2.29 Miles
- APPLESEED FEDERAL COM #001 (07.02.2010)
- NMSEO Water Well
- USGS Water Well



Low Karst

CHEVRON U.S.A. INC

Legend

- APPLESEED FEDERAL COM #001 (07.02.2010)
- Low

● APPLESEED FEDERAL COM #001 (07.02.2010)





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
L 04158	L	LE		2	4	05	20S	35E		643290	3608008*	2807	70	64	6
CP 00654 POD1	CP	LE		4	4	12	20S	34E		640103	3605947*	3311	60		
L 14552 POD12	L	LE		2	3	2	04	20S	35E	644535	3608505	3517	1389		
L 04157	L	LE		3	3	06	20S	35E		640483	3607561*	3697	70	64	6

Average Depth to Water: **64 feet**

Minimum Depth: **64 feet**

Maximum Depth: **64 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 643329

Northing (Y): 3605201

Radius: 4000

*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.

4/11/24 9:03 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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
				Groundwater	New Mexico	GO	

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- 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 =

- 323440103291401

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

USGS 323440103291401 20S.35E.07.44420

Lea County, New Mexico
Latitude 32°34'40", Longitude 103°29'14" NAD27
Land-surface elevation 3,692 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) 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
1961-03-08			D 62610		3650.18	NGVD29	1		Z	
1961-03-08			D 62611		3651.72	NAVD88	1		Z	
1961-03-08			D 72019	40.28			1		Z	
1966-03-10			D 62610		3649.72	NGVD29	1		Z	
1966-03-10			D 62611		3651.26	NAVD88	1		Z	
1966-03-10			D 72019	40.74			1		Z	
1968-04-17			D 62610		3651.26	NGVD29	P		Z	
1968-04-17			D 62611		3652.80	NAVD88	P		Z	
1968-04-17			D 72019	39.20			P		Z	
1971-01-26			D 62610		3652.43	NGVD29	P		Z	
1971-01-26			D 62611		3653.97	NAVD88	P		Z	
1971-01-26			D 72019	38.03			P		Z	
1976-02-18			D 62610		3660.51	NGVD29	1		Z	
1976-02-18			D 62611		3662.05	NAVD88	1		Z	
1976-02-18			D 72019	29.95			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	
1981-02-26	D	62610	3658.44	NGVD29	1	Z	
1981-02-26	D	62611	3659.98	NAVD88	1	Z	
1981-02-26	D	72019	32.02		1	Z	
1986-03-03	D	62610	3657.08	NGVD29	1	Z	
1986-03-03	D	62611	3658.62	NAVD88	1	Z	
1986-03-03	D	72019	33.38		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
Status	P	Pumping
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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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2024-04-10 09:26:24 EDT
0.28 0.24 nadww01



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
	L 04158	2	4	05	20S	35E	643290	3608008*	

x

Driller License: 208

Driller Company: VAN NOY, W.L.

Driller Name:

Drill Start Date: 12/11/1959

Drill Finish Date: 12/12/1959

Plug Date:

Log File Date: 12/18/1959

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 5.00

Depth Well: 70 feet

Depth Water: 64 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	65	68	Sandstone/Gravel/Conglomerate

x

Casing Perforations:	Top	Bottom
	50	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.

4/11/24 9:04 AM

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	? S
				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 =

- 323545103285701

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

USGS 323545103285701 20S.35E.05.31424

Lea County, New Mexico
Latitude 32°35'59", Longitude 103°29'03" NAD27
Land-surface elevation 3,685.00 feet above NGVD29
The depth of the well is 70 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) 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 of measurement
1961-03-08			D 62610		3623.44	NGVD29	P		Z	
1961-03-08			D 62611		3624.98	NAVD88	P		Z	
1961-03-08			D 72019	61.56			P		Z	
1966-04-06			D 62610		3631.13	NGVD29	1		Z	
1966-04-06			D 62611		3632.67	NAVD88	1		Z	
1966-04-06			D 72019	53.87			1		Z	
1971-01-21			D 62610		3630.42	NGVD29	P		Z	
1971-01-21			D 62611		3631.96	NAVD88	P		Z	
1971-01-21			D 72019	54.58			P		Z	
1976-02-19			D 62610		3631.44	NGVD29	1		Z	
1976-02-19			D 62611		3632.98	NAVD88	1		Z	
1976-02-19			D 72019	53.56			1		Z	
1981-02-17			D 62610		3631.60	NGVD29	1		Z	
1981-02-17			D 62611		3633.14	NAVD88	1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status
1981-02-17	D	72019	53.40		1	Z	
1986-04-02	D	62610	3632.17	NGVD29	1	Z	
1986-04-02	D	62611	3633.71	NAVD88	1	Z	
1986-04-02	D	72019	52.83		1	Z	
1991-07-03	D	62610	3630.77	NGVD29	1	S	
1991-07-03	D	62611	3632.31	NAVD88	1	S	
1991-07-03	D	72019	54.23		1	S	
1996-01-25	D	62610	3631.52	NGVD29	1	S	
1996-01-25	D	62611	3633.06	NAVD88	1	S	
1996-01-25	D	72019	53.48		1	S	

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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
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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Title: Groundwater for New Mexico: Water Levels

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

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

Page Last Modified: 2024-04-10 10:03:06 EDT

0.29 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

L 04157

3 3 06 20S 35E

640483 3607561*

x

Driller License: 208

Driller Company: VAN NOY, W.L.

Driller Name:

Drill Start Date: 12/12/1959

Drill Finish Date: 12/13/1959

Plug Date:

Log File Date: 12/18/1959

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 5.00

Depth Well: 70 feet

Depth Water: 64 feet

x

Water Bearing Stratifications:

Top Bottom Description

65 68 Sandstone/Gravel/Conglomerate

x

Casing Perforations:

Top Bottom

50 70

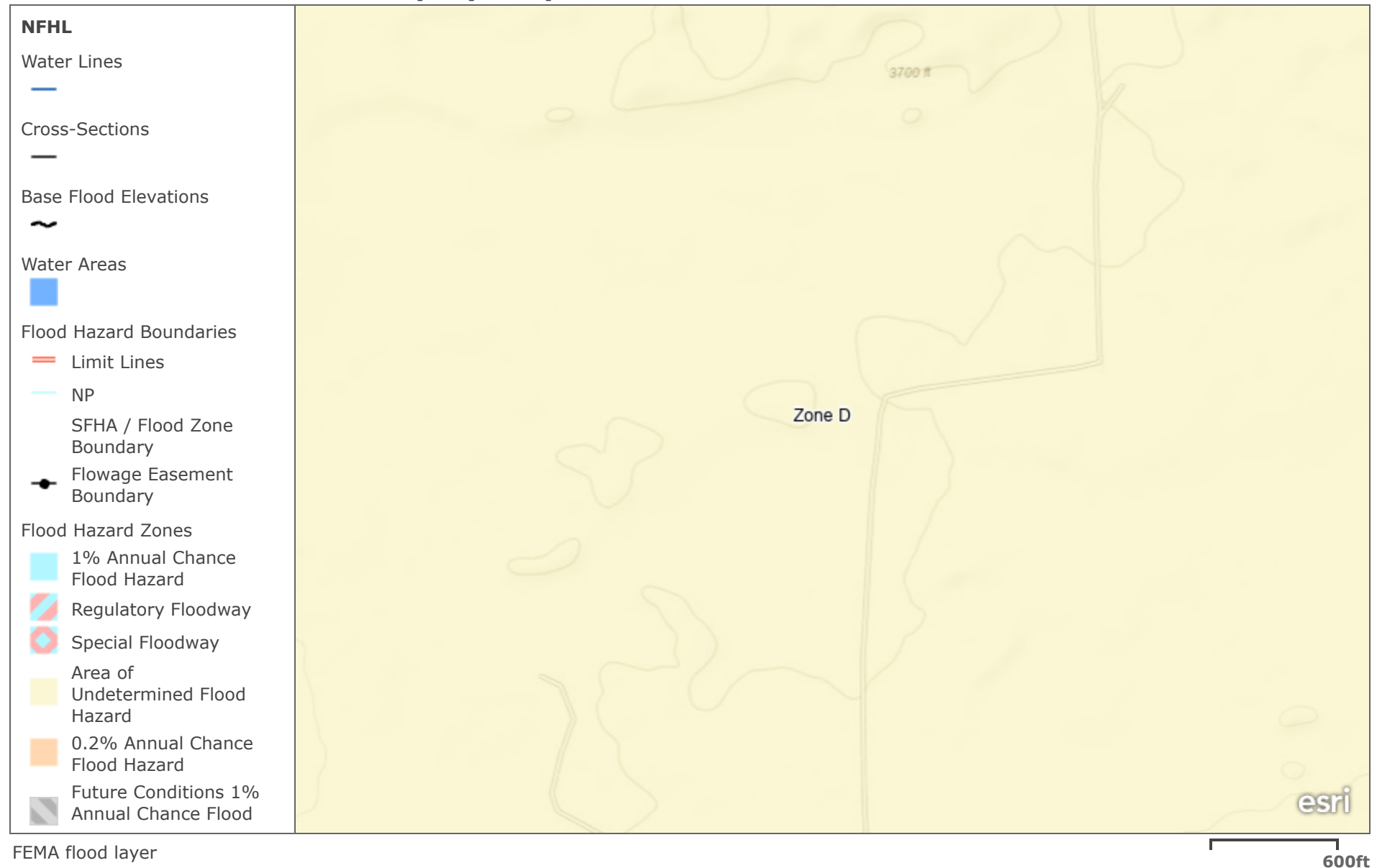
*UTM location was derived from PLSS - see Help

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.

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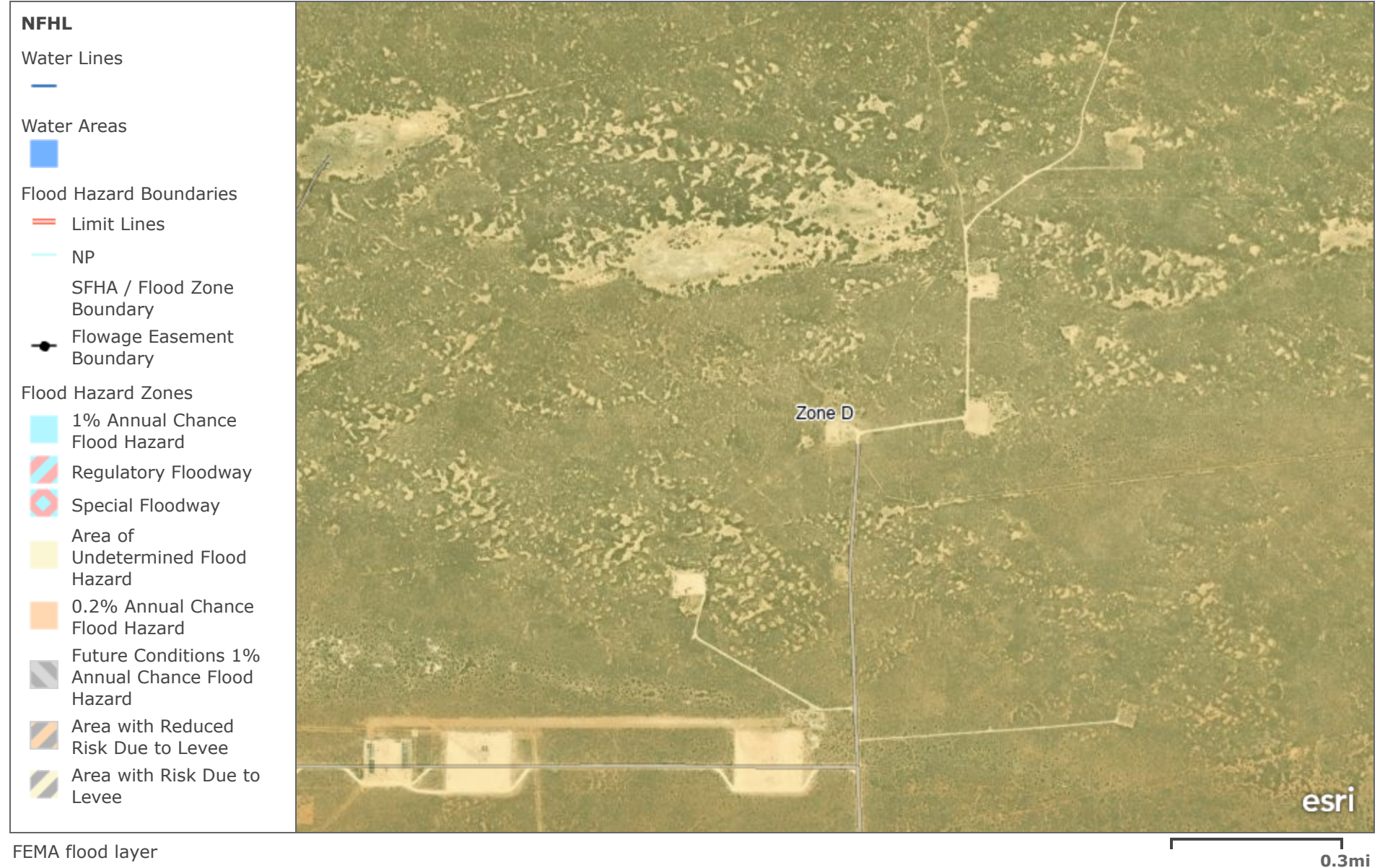
POINT OF DIVERSION SUMMARY

FEMA National Flood Hazard Layer (NFHL)



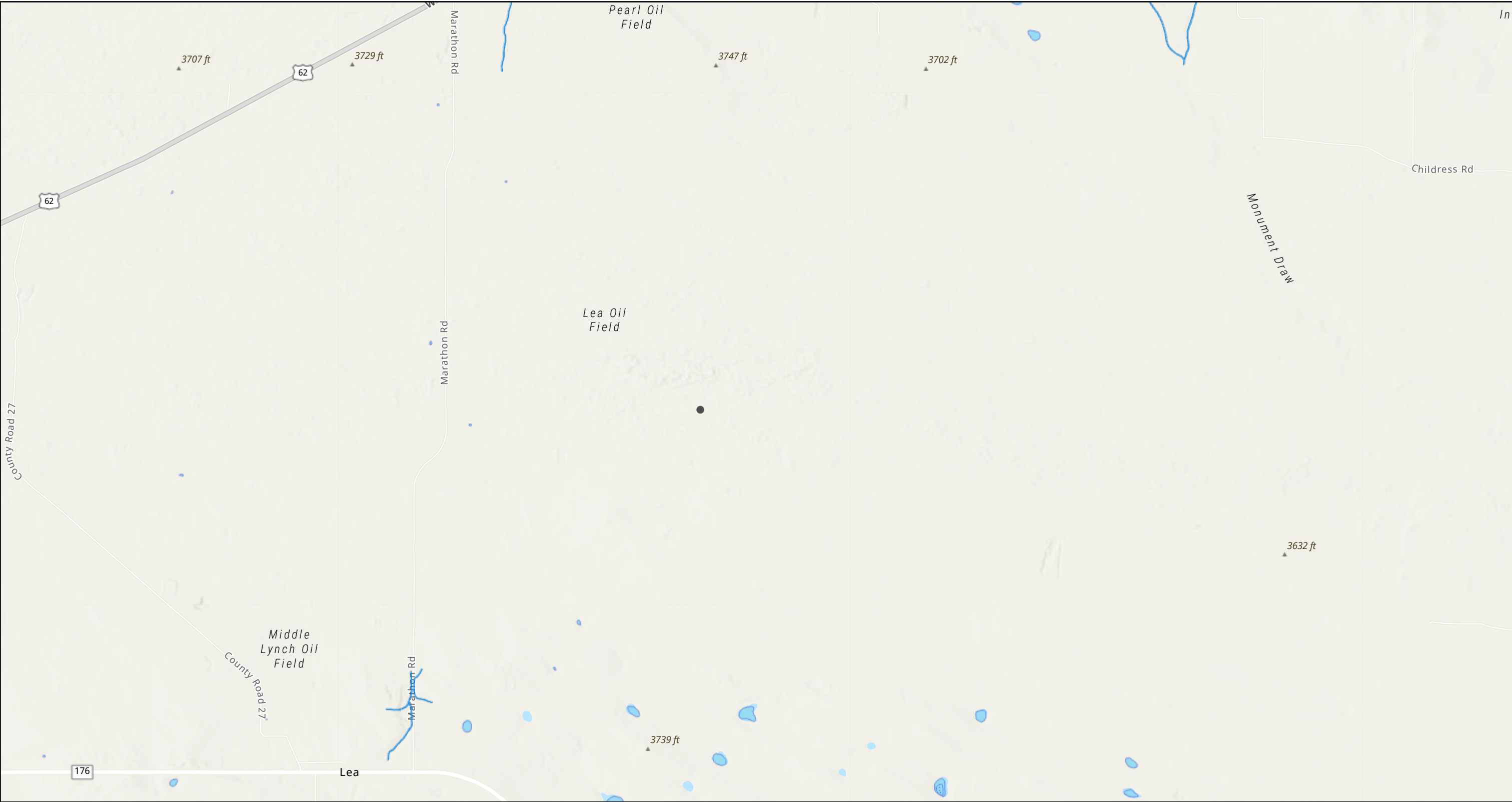
Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

FEMA National Flood Hazard Layer (NFHL)



Maxar | Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

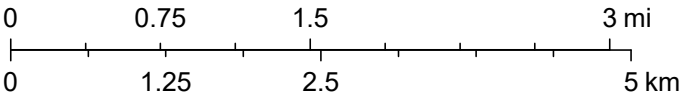
APPLESEED FEDERAL COM #001 (07.02.2010)



4/10/2024, 8:21:40 AM

- OSW Water Bodies
- OSE Probable Playas
- OSE Streams

1:72,224



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, NM OSE

APPENDIX E

CARMONA RESOURCES





Environment Testing

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- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 4/30/2024 8:11:43 PM

JOB DESCRIPTION

Appleseed Federal Com #001
Lea Co, NM

JOB NUMBER

880-42795-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/30/2024 8:11:43 PM

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

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Laboratory Job ID: 880-42795-1
SDG: Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	3
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Case Narrative	5
Client Sample Results	6
Surrogate Summary	14
QC Sample Results	15
QC Association Summary	19
Lab Chronicle	22
Certification Summary	26
Method Summary	27
Sample Summary	28
Chain of Custody	29
Receipt Checklists	30

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Appleseed Federal Com #001

Job ID: 880-42795-1

Job ID: 880-42795-1

Eurofins Midland

Job Narrative 880-42795-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/26/2024 4:03 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-42795-1), H-2 (0-0.5') (880-42795-2), H-3 (0-0.5') (880-42795-3), H-4 (0-0.5') (880-42795-4), H-5 (0-0.5') (880-42795-5), H-6 (0-0.5') (880-42795-6), H-7 (0-0.5') (880-42795-7), H-8 (0-0.5') (880-42795-8), H-9 (0-0.5') (880-42795-9) and H-10 (0-0.5') (880-42795-10).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-79509 and 880-79530 and analytical batch 880-79486 was outside the control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-6 (0-0.5') (880-42795-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-79530 and analytical batch 880-79486 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is 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

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-1

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:56	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:56	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		04/29/24 11:54	04/30/24 02:56	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:56	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		04/29/24 11:54	04/30/24 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/29/24 11:54	04/30/24 02:56	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/29/24 11:54	04/30/24 02:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/30/24 02:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	145		49.8		mg/Kg			04/27/24 20:06	1

Method: SW846 8015B 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		04/26/24 17:12	04/27/24 20:06	1
Diesel Range Organics (Over C10-C28)	145		49.8		mg/Kg		04/26/24 17:12	04/27/24 20:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:12	04/27/24 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	04/26/24 17:12	04/27/24 20:06	1
o-Terphenyl	85		70 - 130	04/26/24 17:12	04/27/24 20:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.0		5.05		mg/Kg			04/30/24 02:55	1

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

Lab Sample ID: 880-42795-2

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 03:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 03:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 03:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:54	04/30/24 03:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 03:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:54	04/30/24 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/29/24 11:54	04/30/24 03:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/29/24 11:54	04/30/24 03:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-2

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 03:22	1

Method: SW846 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			04/27/24 21:10	1

Method: SW846 8015B 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		04/26/24 17:12	04/27/24 21:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:12	04/27/24 21:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:12	04/27/24 21:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/26/24 17:12	04/27/24 21:10	1
o-Terphenyl	87		70 - 130				04/26/24 17:12	04/27/24 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			04/30/24 03:00	1

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

Lab Sample ID: 880-42795-3

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 03:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 03:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 03:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:54	04/30/24 03:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 03:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:54	04/30/24 03:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/29/24 11:54	04/30/24 03:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/29/24 11:54	04/30/24 03:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 03:49	1

Method: SW846 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			04/27/24 21:32	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:12	04/27/24 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 21:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-3

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 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		04/26/24 17:12	04/27/24 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				04/26/24 17:12	04/27/24 21:32	1
o-Terphenyl	79		70 - 130				04/26/24 17:12	04/27/24 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/30/24 03:04	1

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

Lab Sample ID: 880-42795-4

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/29/24 11:54	04/30/24 04:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/29/24 11:54	04/30/24 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				04/29/24 11:54	04/30/24 04:15	1
1,4-Difluorobenzene (Surr)	106		70 - 130				04/29/24 11:54	04/30/24 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/24 04:15	1

Method: SW846 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			04/27/24 21:53	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:12	04/27/24 21:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 21:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				04/26/24 17:12	04/27/24 21:53	1
o-Terphenyl	81		70 - 130				04/26/24 17:12	04/27/24 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 03:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-5

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/29/24 11:54	04/30/24 04:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:54	04/30/24 04:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/29/24 11:54	04/30/24 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/29/24 11:54	04/30/24 04:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/29/24 11:54	04/30/24 04:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/30/24 04:41	1

Method: SW846 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			04/27/24 18:19	1

Method: SW846 8015B 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		04/26/24 17:12	04/27/24 18:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:12	04/27/24 18:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:12	04/27/24 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	04/26/24 17:12	04/27/24 18:19	1
o-Terphenyl	70		70 - 130	04/26/24 17:12	04/27/24 18:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/30/24 03:24	1

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

Lab Sample ID: 880-42795-6

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 05:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 05:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 05:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:54	04/30/24 05:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 05:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:54	04/30/24 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130	04/29/24 11:54	04/30/24 05:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/29/24 11:54	04/30/24 05:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-6

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 05:08	1

Method: SW846 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			04/27/24 20:28	1

Method: SW846 8015B 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		04/26/24 17:12	04/27/24 20:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:12	04/27/24 20:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:12	04/27/24 20:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				04/26/24 17:12	04/27/24 20:28	1
o-Terphenyl	82		70 - 130				04/26/24 17:12	04/27/24 20:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 03:29	1

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

Lab Sample ID: 880-42795-7

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 05:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 05:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 05:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:54	04/30/24 05:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 05:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:54	04/30/24 05:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/29/24 11:54	04/30/24 05:34	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/29/24 11:54	04/30/24 05:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 05:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 18:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:12	04/27/24 18:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:12	04/27/24 18:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-7

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 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)	<49.7	U	49.7		mg/Kg		04/26/24 17:12	04/27/24 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				04/26/24 17:12	04/27/24 18:41	1
o-Terphenyl	100		70 - 130				04/26/24 17:12	04/27/24 18:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			04/30/24 03:33	1

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

Lab Sample ID: 880-42795-8

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 06:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 06:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 06:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:54	04/30/24 06:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:54	04/30/24 06:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:54	04/30/24 06:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/29/24 11:54	04/30/24 06:01	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/29/24 11:54	04/30/24 06:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 06:01	1

Method: SW846 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			04/27/24 19:02	1

Method: SW846 8015B 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		04/26/24 17:12	04/27/24 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:12	04/27/24 19:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:12	04/27/24 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				04/26/24 17:12	04/27/24 19:02	1
o-Terphenyl	98		70 - 130				04/26/24 17:12	04/27/24 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			04/30/24 03:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42795-9

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:54	04/30/24 06:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:54	04/30/24 06:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/29/24 11:54	04/30/24 06:27	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/29/24 11:54	04/30/24 06:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 06:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/27/24 19:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/26/24 17:12	04/27/24 19:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/26/24 17:12	04/27/24 19:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/26/24 17:12	04/27/24 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	04/26/24 17:12	04/27/24 19:23	1
o-Terphenyl	83		70 - 130	04/26/24 17:12	04/27/24 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			04/30/24 03:43	1

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

Lab Sample ID: 880-42795-10

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:03

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:54	04/30/24 06:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 06:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:54	04/30/24 06:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/29/24 11:54	04/30/24 06:54	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/29/24 11:54	04/30/24 06:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Client Sample ID: H-10 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 06:54	1	

Method: SW846 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			04/27/24 19:45	1	

Method: SW846 8015B NM - Diesel 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		04/26/24 17:12	04/27/24 19:45	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 19:45	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 19:45	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	87		70 - 130				04/26/24 17:12	04/27/24 19:45	1	
o-Terphenyl	101		70 - 130				04/26/24 17:12	04/27/24 19:45	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 03:57	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42795-1	H-1 (0-0.5')	99	97
880-42795-1 MS	H-1 (0-0.5')	87	116
880-42795-1 MSD	H-1 (0-0.5')	85	99
880-42795-2	H-2 (0-0.5')	93	102
880-42795-3	H-3 (0-0.5')	93	93
880-42795-4	H-4 (0-0.5')	123	106
880-42795-5	H-5 (0-0.5')	96	96
880-42795-6	H-6 (0-0.5')	63 S1-	99
880-42795-7	H-7 (0-0.5')	98	105
880-42795-8	H-8 (0-0.5')	90	100
880-42795-9	H-9 (0-0.5')	120	104
880-42795-10	H-10 (0-0.5')	94	85
LCS 880-79530/1-A	Lab Control Sample	87	97
LCSD 880-79530/2-A	Lab Control Sample Dup	93	106
MB 880-79509/5-A	Method Blank	62 S1-	101
MB 880-79530/5-A	Method Blank	61 S1-	98
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)
880-42771-A-1-B MS	Matrix Spike	100	74
880-42771-A-1-C MSD	Matrix Spike Duplicate	106	77
880-42795-1	H-1 (0-0.5')	81	85
880-42795-2	H-2 (0-0.5')	108	87
880-42795-3	H-3 (0-0.5')	95	79
880-42795-4	H-4 (0-0.5')	96	81
880-42795-5	H-5 (0-0.5')	73	70
880-42795-6	H-6 (0-0.5')	76	82
880-42795-7	H-7 (0-0.5')	87	100
880-42795-8	H-8 (0-0.5')	86	98
880-42795-9	H-9 (0-0.5')	76	83
880-42795-10	H-10 (0-0.5')	87	101
LCS 880-79467/2-A	Lab Control Sample	128	124
LCSD 880-79467/3-A	Lab Control Sample Dup	95	95
MB 880-79467/1-A	Method Blank	109	98
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-79509/5-A

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:36	04/29/24 12:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 10:36	04/29/24 12:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 10:36	04/29/24 12:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130	04/29/24 10:36	04/29/24 12:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/29/24 10:36	04/29/24 12:48	1

Lab Sample ID: MB 880-79530/5-A

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79530

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:54	04/30/24 02:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:54	04/30/24 02:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	04/29/24 11:54	04/30/24 02:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/29/24 11:54	04/30/24 02:29	1

Lab Sample ID: LCS 880-79530/1-A

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 79530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09115		mg/Kg		91	70 - 130
Toluene	0.100	0.08929		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09094		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1823		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09063		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-79530/2-A

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 79530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09005		mg/Kg		90	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-79530/2-A
Matrix: Solid
Analysis Batch: 79486

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 79530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08507		mg/Kg		85	70 - 130	5	35
Ethylbenzene	0.100	0.09031		mg/Kg		90	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1794		mg/Kg		90	70 - 130	2	35
o-Xylene	0.100	0.08803		mg/Kg		88	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: 880-42795-1 MS
Matrix: Solid
Analysis Batch: 79486

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 79530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08416		mg/Kg		84	70 - 130		
Toluene	<0.00200	U F1	0.100	0.07111		mg/Kg		71	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.06966		mg/Kg		70	70 - 130		
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1381	F1	mg/Kg		69	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.06835	F1	mg/Kg		68	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	87		70 - 130								
1,4-Difluorobenzene (Surr)	116		70 - 130								

Lab Sample ID: 880-42795-1 MSD
Matrix: Solid
Analysis Batch: 79486

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 79530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07938		mg/Kg		79	70 - 130	6	35
Toluene	<0.00200	U F1	0.100	0.07310		mg/Kg		73	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07076		mg/Kg		71	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1397		mg/Kg		70	70 - 130	1	35
o-Xylene	<0.00200	U F1	0.100	0.06885	F1	mg/Kg		69	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	85		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-79467/1-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79467

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		04/26/24 17:12	04/27/24 18:19	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-79467/1-A

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79467

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 18:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:12	04/27/24 18:19	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	109		70 - 130				04/26/24 17:12	04/27/24 18:19	1
o-Terphenyl	98		70 - 130				04/26/24 17:12	04/27/24 18:19	1

Lab Sample ID: LCS 880-79467/2-A

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 79467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	128		70 - 130						
o-Terphenyl	124		70 - 130						

Lab Sample ID: LCSD 880-79467/3-A

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 79467

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	936.7		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	911.9		mg/Kg		91	70 - 130	18	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	95		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: 880-42771-A-1-B MS

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 79467

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1047		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	967.8		mg/Kg		93	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	100		70 - 130								
o-Terphenyl	74		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42771-A-1-C MSD

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 79467

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	912.5		mg/Kg		89	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1039		mg/Kg		100	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	106		70 - 130								
o-Terphenyl	77		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-79526/1-A

Matrix: Solid

Analysis Batch: 79570

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 02:21	1

Lab Sample ID: LCS 880-79526/2-A

Matrix: Solid

Analysis Batch: 79570

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.0		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-79526/3-A

Matrix: Solid

Analysis Batch: 79570

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	234.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-42795-9 MS

Matrix: Solid

Analysis Batch: 79570

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.02	U	251	246.5		mg/Kg		96	90 - 110

Lab Sample ID: 880-42795-9 MSD

Matrix: Solid

Analysis Batch: 79570

Client Sample ID: H-9 (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	<5.02	U	251	246.7		mg/Kg		96	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 79486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-2	H-2 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-3	H-3 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-4	H-4 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-5	H-5 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-6	H-6 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-7	H-7 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-8	H-8 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-9	H-9 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-10	H-10 (0-0.5')	Total/NA	Solid	8021B	79530
MB 880-79509/5-A	Method Blank	Total/NA	Solid	8021B	79509
MB 880-79530/5-A	Method Blank	Total/NA	Solid	8021B	79530
LCS 880-79530/1-A	Lab Control Sample	Total/NA	Solid	8021B	79530
LCSD 880-79530/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	79530
880-42795-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	79530
880-42795-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	79530

Prep Batch: 79509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-79509/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 79530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-42795-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-42795-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-42795-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-42795-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-42795-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-42795-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-42795-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-42795-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-42795-10	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-79530/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-79530/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-79530/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42795-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-42795-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 79665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-42795-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 79467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-42795-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-79467/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-79467/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-79467/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42771-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-42771-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 79470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	79467
MB 880-79467/1-A	Method Blank	Total/NA	Solid	8015B NM	79467
LCS 880-79467/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	79467
LCSD 880-79467/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	79467
880-42771-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	79467
880-42771-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	79467

Analysis Batch: 79472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	79467
880-42795-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	79467

Analysis Batch: 79593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-42795-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

HPLC/IC

Leach Batch: 79526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-79526/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-79526/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-79526/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42795-9 MS	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-42795-9 MSD	H-9 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 79570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42795-1	H-1 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-2	H-2 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-3	H-3 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-4	H-4 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-5	H-5 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-6	H-6 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-7	H-7 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-8	H-8 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-9	H-9 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-10	H-10 (0-0.5')	Soluble	Solid	300.0	79526
MB 880-79526/1-A	Method Blank	Soluble	Solid	300.0	79526
LCS 880-79526/2-A	Lab Control Sample	Soluble	Solid	300.0	79526
LCSD 880-79526/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	79526
880-42795-9 MS	H-9 (0-0.5')	Soluble	Solid	300.0	79526
880-42795-9 MSD	H-9 (0-0.5')	Soluble	Solid	300.0	79526

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 02:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 20:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 20:06	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 02:55	SMC	EET MID

Client Sample ID: H-2 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 03:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 21:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 21:10	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:00	SMC	EET MID

Client Sample ID: H-3 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 03:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 03:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 21:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 21:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:04	SMC	EET MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 04:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			79593	04/27/24 21:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 21:53	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:19	SMC	EET MID

Client Sample ID: H-5 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 04:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 18:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 18:19	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:24	SMC	EET MID

Client Sample ID: H-6 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 05:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 20:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 20:28	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:29	SMC	EET MID

Client Sample ID: H-7 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 05:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 05:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 18:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 18:41	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Client Sample ID: H-7 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-7
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			5.01 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:33	SMC	EET MID

Client Sample ID: H-8 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-8
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			5.03 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 06:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 19:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:38	SMC	EET MID

Client Sample ID: H-9 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 06:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 06:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 19:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 19:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:43	SMC	EET MID

Client Sample ID: H-10 (0-0.5')
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:03

Lab Sample ID: 880-42795-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 06:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79665	04/30/24 06:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			79593	04/27/24 19:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 19:45	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 03:57	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	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
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42795-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42795-1	H-1 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-2	H-2 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-3	H-3 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-4	H-4 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-5	H-5 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-6	H-6 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-7	H-7 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-8	H-8 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-9	H-9 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03
880-42795-10	H-10 (0-0.5')	Solid	04/26/24 00:00	04/26/24 16:03

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880-42795 Chain of Custody

Page 1 of 1

Project Manager: Ashton Thielke		Bill to (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: Applseed Federal Com #001		Turn Around		Pres. Code	
Project Number: 2332		☒ Routine ☐ Rush			
Project Location: Lea Co, NM		Due Date: Normal			
Sampler's Name: GPJ		TAT starts the day received by the lab if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank		Yes (No)		Wet Ice		Yes (No)	
Received Intact:		Yes (No)		Thermometer ID		Correction Factor		Temperature Reading	
Cooler Custody Seals:		Yes (No)		N/A		N/A		55.4	
Sample Custody Seals:		Yes (No)		N/A		N/A		55.4	
Total Containers:									

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes	
H-1 (0-0.5')	4/26/2024		X		G	1													None NO	DI Water H ₂ O
H-2 (0-0.5')	4/26/2024		X		G	1													Cool Cool	MeOH Me
H-3 (0-0.5')	4/26/2024		X		G	1													HCL HC	HNO ₃ HN
H-4 (0-0.5')	4/26/2024		X		G	1													H ₂ SO ₄ H ₂	NaOH Na
H-5 (0-0.5')	4/26/2024		X		G	1													H ₃ PO ₄ HP	
H-6 (0-0.5')	4/26/2024		X		G	1													NaHSO ₄ NABIS	
H-7 (0-0.5')	4/26/2024		X		G	1													Na ₂ S ₂ O ₃ NaSO ₃	
H-8 (0-0.5')	4/26/2024		X		G	1													Zn Acetate+NaOH Zn	
H-9 (0-0.5')	4/26/2024		X		G	1													NaOH+Ascorbic Acid	SAPC
H-10 (0-0.5')	4/26/2024		X		G	1														

Please send results to cmohring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)		Received by (Signature)		Date/Time		Relinquished by (Signature)		Received by (Signature)		Date/Time	
				4/26/24 1003 ²							

Revised Date 05/12/2020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-42795-1

SDG Number: Lea Co, NM

Login Number: 42795

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/1/2024 11:58:55 AM

JOB DESCRIPTION

Appleseed Federal Com #001
Lea Co, NM

JOB NUMBER

880-42796-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
5/1/2024 11:58:55 AM

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

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Laboratory Job ID: 880-42796-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Appleseed Federal Com #001

Job ID: 880-42796-1

Job ID: 880-42796-1

Eurofins Midland

Job Narrative
880-42796-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/26/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1) (880-42796-1), T-1 (1.5) (880-42796-2), T-1 (2.0) (880-42796-3), T-1 (3.0) (880-42796-4), T-1 (4.0) (880-42796-5), T-2 (0-1) (880-42796-6), T-2 (1.5) (880-42796-7), T-2 (2.0) (880-42796-8), T-2 (3.0) (880-42796-9), T-2 (4.0) (880-42796-10), T-3 (0-1) (880-42796-11), T-3 (1.5) (880-42796-12), T-3 (2.0) (880-42796-13), T-3 (3.0) (880-42796-14), T-3 (4.0) (880-42796-15), T-4 (0-1) (880-42796-16), T-4 (1.5) (880-42796-17), T-4 (2.0) (880-42796-18), T-4 (3.0) (880-42796-19), T-4 (4.0) (880-42796-20), T-5 (0-1) (880-42796-21), T-5 (1.5) (880-42796-22), T-5 (2.0) (880-42796-23), T-5 (3.0) (880-42796-24), T-5 (4.0) (880-42796-25), T-6 (0-1) (880-42796-26), T-6 (1.5) (880-42796-27), T-6 (2.0) (880-42796-28), T-6 (3.0) (880-42796-29), T-6 (4.0) (880-42796-30), T-7 (0-1) (880-42796-31), T-7 (1.5) (880-42796-32), T-7 (2.0) (880-42796-33), T-7 (3.0) (880-42796-34), T-7 (4.0) (880-42796-35), T-8 (0-1) (880-42796-36), T-8 (1.5) (880-42796-37), T-8 (2.0) (880-42796-38), T-8 (3.0) (880-42796-39) and T-8 (4.0) (880-42796-40).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-79508 and 880-79529 and analytical batch 880-79487 was outside the control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-79527 and analytical batch 880-79489 was outside the upper control limits.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-79527 and analytical batch 880-79489 recovered outside control limits for the following analytes: m-Xylene & p-Xylene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-79631 and analytical batch 880-79611 was outside the control limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (0-1) (880-42796-21), T-5 (2.0) (880-42796-23), T-5 (3.0) (880-42796-24), T-5 (4.0) (880-42796-25), T-6 (0-1) (880-42796-26), T-7 (1.5) (880-42796-32), T-7 (4.0) (880-42796-35), T-8 (0-1) (880-42796-36), T-8 (3.0) (880-42796-39), (880-42796-A-21-B MS) and (880-42796-A-21-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-79466 and analytical batch 880-79472 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Appleseed Federal Com #001

Job ID: 880-42796-1

Job ID: 880-42796-1 (Continued) Eurofins Midland

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-1

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:21	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		04/29/24 11:50	04/29/24 16:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/29/24 11:50	04/29/24 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/29/24 11:50	04/29/24 16:21	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/29/24 11:50	04/29/24 16:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/29/24 16:21	1

Method: SW846 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			04/27/24 10:50	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:04	04/27/24 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 10:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 10:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	04/26/24 17:04	04/27/24 10:50	1
o-Terphenyl	84		70 - 130	04/26/24 17:04	04/27/24 10:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		4.97		mg/Kg			04/30/24 04:02	1

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-42796-2

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:41	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		04/29/24 11:50	04/29/24 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 16:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:50	04/29/24 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/29/24 11:50	04/29/24 16:41	1
1,4-Difluorobenzene (Surr)	114		70 - 130	04/29/24 11:50	04/29/24 16:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-42796-2

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/29/24 16:41	1

Method: SW846 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			04/27/24 09:46	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 09:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 09:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 09:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				04/26/24 17:04	04/27/24 09:46	1
o-Terphenyl	77		70 - 130				04/26/24 17:04	04/27/24 09:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.31		4.96		mg/Kg			04/30/24 04:17	1

Client Sample ID: T-1 (2.0)

Lab Sample ID: 880-42796-3

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:50	04/29/24 17:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:50	04/29/24 17:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:50	04/29/24 17:02	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		04/29/24 11:50	04/29/24 17:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:50	04/29/24 17:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:50	04/29/24 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				04/29/24 11:50	04/29/24 17:02	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/29/24 11:50	04/29/24 17:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/29/24 17:02	1

Method: SW846 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			04/27/24 11:12	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 11:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 11:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-1 (2.0)

Lab Sample ID: 880-42796-3

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:04	04/27/24 11:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				04/26/24 17:04	04/27/24 11:12	1
o-Terphenyl	79		70 - 130				04/26/24 17:04	04/27/24 11:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.95		4.96		mg/Kg			04/30/24 04:22	1

Client Sample ID: T-1 (3.0)

Lab Sample ID: 880-42796-4

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:22	1
m-Xylene & p-Xylene	<0.00404	U *	0.00404		mg/Kg		04/29/24 11:50	04/29/24 17:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/29/24 11:50	04/29/24 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/29/24 11:50	04/29/24 17:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/29/24 11:50	04/29/24 17:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/29/24 17:22	1

Method: SW846 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			04/27/24 11:33	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 11:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 11:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 11:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				04/26/24 17:04	04/27/24 11:33	1
o-Terphenyl	85		70 - 130				04/26/24 17:04	04/27/24 11:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.11		5.03		mg/Kg			04/30/24 04:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-1 (4.0)

Lab Sample ID: 880-42796-5

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:42	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		04/29/24 11:50	04/29/24 17:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:50	04/29/24 17:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/29/24 11:50	04/29/24 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/29/24 11:50	04/29/24 17:42	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/29/24 11:50	04/29/24 17:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/29/24 17:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 11:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/26/24 17:04	04/27/24 11:54	1
o-Terphenyl	75		70 - 130	04/26/24 17:04	04/27/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.14		5.02		mg/Kg			04/30/24 04:31	1

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

Lab Sample ID: 880-42796-6

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 18:03	1
m-Xylene & p-Xylene	<0.00400	U **	0.00400		mg/Kg		04/29/24 11:50	04/29/24 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 18:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:50	04/29/24 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/29/24 11:50	04/29/24 18:03	1
1,4-Difluorobenzene (Surr)	110		70 - 130	04/29/24 11:50	04/29/24 18:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-6

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/29/24 18:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 12:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 12:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 12:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/26/24 17:04	04/27/24 12:16	1
o-Terphenyl	87		70 - 130				04/26/24 17:04	04/27/24 12:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.30		4.98		mg/Kg			04/30/24 04:36	1

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-42796-7

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 13:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 13:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 13:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/24 09:37	04/30/24 13:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 13:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/24 09:37	04/30/24 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				04/30/24 09:37	04/30/24 13:26	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/30/24 09:37	04/30/24 13:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 13:26	1

Method: SW846 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			04/27/24 12:37	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:04	04/27/24 12:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 12:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1.5)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-7
Matrix: Solid

Method: SW846 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		04/26/24 17:04	04/27/24 12:37	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	96		70 - 130				04/26/24 17:04	04/27/24 12:37	1	
o-Terphenyl	80		70 - 130				04/26/24 17:04	04/27/24 12:37	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	5.38		5.00		mg/Kg			04/30/24 04:41	1	

Client Sample ID: T-2 (2.0)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 13:47	1	
Toluene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 13:47	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 13:47	1	
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/30/24 09:37	04/30/24 13:47	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 13:47	1	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/30/24 09:37	04/30/24 13:47	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		70 - 130				04/30/24 09:37	04/30/24 13:47	1	
1,4-Difluorobenzene (Surr)	102		70 - 130				04/30/24 09:37	04/30/24 13:47	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/30/24 13:47	1	
Method: SW846 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			04/27/24 12:58	1	
Method: SW846 8015B 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		04/26/24 17:04	04/27/24 12:58	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 12:58	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 12:58	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	103		70 - 130				04/26/24 17:04	04/27/24 12:58	1	
o-Terphenyl	86		70 - 130				04/26/24 17:04	04/27/24 12:58	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 04:46	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-2 (3.0)

Lab Sample ID: 880-42796-9

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 14:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 14:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 14:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/30/24 09:37	04/30/24 14:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 14:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/24 09:37	04/30/24 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/30/24 09:37	04/30/24 14:08	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/30/24 09:37	04/30/24 14:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/24 14:08	1

Method: SW846 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			04/27/24 13:20	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:04	04/27/24 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 13:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	04/26/24 17:04	04/27/24 13:20	1
o-Terphenyl	86		70 - 130	04/26/24 17:04	04/27/24 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.11		5.02		mg/Kg			04/30/24 11:15	1

Client Sample ID: T-2 (4.0)

Lab Sample ID: 880-42796-10

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 14:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 14:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/30/24 09:37	04/30/24 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 14:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/30/24 09:37	04/30/24 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	04/30/24 09:37	04/30/24 14:28	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/30/24 09:37	04/30/24 14:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-2 (4.0)

Lab Sample ID: 880-42796-10

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/30/24 14:28	1

Method: SW846 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			04/27/24 13:41	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/26/24 17:04	04/27/24 13:41	1
o-Terphenyl	103		70 - 130				04/26/24 17:04	04/27/24 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.40		5.04		mg/Kg			04/30/24 11:34	1

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

Lab Sample ID: 880-42796-11

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 14:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 14:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 14:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/30/24 09:37	04/30/24 14:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 14:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/24 09:37	04/30/24 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/30/24 09:37	04/30/24 14:49	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/30/24 09:37	04/30/24 14:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/30/24 14:49	1

Method: SW846 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			04/27/24 14:24	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 14:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-11

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:04	04/27/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/26/24 17:04	04/27/24 14:24	1
o-Terphenyl	88		70 - 130				04/26/24 17:04	04/27/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/30/24 11:41	1

Client Sample ID: T-3 (1.5)

Lab Sample ID: 880-42796-12

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 15:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 15:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 15:10	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/30/24 09:37	04/30/24 15:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 15:10	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/30/24 09:37	04/30/24 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/30/24 09:37	04/30/24 15:10	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/30/24 09:37	04/30/24 15:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/30/24 15:10	1

Method: SW846 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			04/27/24 14:45	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 14:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 14:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/26/24 17:04	04/27/24 14:45	1
o-Terphenyl	89		70 - 130				04/26/24 17:04	04/27/24 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 11:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-3 (2.0)

Lab Sample ID: 880-42796-13

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 15:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 15:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 15:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/30/24 09:37	04/30/24 15:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 15:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/24 09:37	04/30/24 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/30/24 09:37	04/30/24 15:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/30/24 09:37	04/30/24 15:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 15:30	1

Method: SW846 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			04/27/24 15:06	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 15:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 15:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	04/26/24 17:04	04/27/24 15:06	1
o-Terphenyl	81		70 - 130	04/26/24 17:04	04/27/24 15:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 11:53	1

Client Sample ID: T-3 (3.0)

Lab Sample ID: 880-42796-14

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 16:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 16:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 16:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/30/24 09:37	04/30/24 16:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 16:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/30/24 09:37	04/30/24 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/30/24 09:37	04/30/24 16:53	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/30/24 09:37	04/30/24 16:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3.0)

Lab Sample ID: 880-42796-14

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 16:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 15:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 15:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/26/24 17:04	04/27/24 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				04/26/24 17:04	04/27/24 15:28	1
o-Terphenyl	83		70 - 130				04/26/24 17:04	04/27/24 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		5.03		mg/Kg			04/30/24 12:12	1

Client Sample ID: T-3 (4.0)

Lab Sample ID: 880-42796-15

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 17:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 17:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 17:14	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/30/24 09:37	04/30/24 17:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/30/24 09:37	04/30/24 17:14	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/30/24 09:37	04/30/24 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/30/24 09:37	04/30/24 17:14	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/30/24 09:37	04/30/24 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/30/24 17:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/27/24 15:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/26/24 17:04	04/27/24 15:49	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/26/24 17:04	04/27/24 15:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-3 (4.0)

Lab Sample ID: 880-42796-15

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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)	<49.6	U	49.6		mg/Kg		04/26/24 17:04	04/27/24 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/26/24 17:04	04/27/24 15:49	1
o-Terphenyl	83		70 - 130				04/26/24 17:04	04/27/24 15:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			04/30/24 12:18	1

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

Lab Sample ID: 880-42796-16

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 17:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 17:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 17:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/30/24 09:37	04/30/24 17:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/30/24 09:37	04/30/24 17:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/30/24 09:37	04/30/24 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				04/30/24 09:37	04/30/24 17:35	1
1,4-Difluorobenzene (Surr)	108		70 - 130				04/30/24 09:37	04/30/24 17:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/30/24 17:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/27/24 16:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/26/24 17:04	04/27/24 16:11	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/26/24 17:04	04/27/24 16:11	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/26/24 17:04	04/27/24 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				04/26/24 17:04	04/27/24 16:11	1
o-Terphenyl	77		70 - 130				04/26/24 17:04	04/27/24 16:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			04/30/24 12:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-42796-17

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 17:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 17:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 17:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/30/24 09:37	04/30/24 17:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 17:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/30/24 09:37	04/30/24 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/30/24 09:37	04/30/24 17:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/30/24 09:37	04/30/24 17:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/30/24 17:55	1

Method: SW846 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			04/27/24 16:32	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 16:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 16:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:04	04/27/24 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	04/26/24 17:04	04/27/24 16:32	1
o-Terphenyl	88		70 - 130	04/26/24 17:04	04/27/24 16:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			04/30/24 12:31	1

Client Sample ID: T-4 (2.0)

Lab Sample ID: 880-42796-18

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 18:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 18:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 18:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/30/24 09:37	04/30/24 18:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/30/24 09:37	04/30/24 18:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/30/24 09:37	04/30/24 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/30/24 09:37	04/30/24 18:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/30/24 09:37	04/30/24 18:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-4 (2.0)

Lab Sample ID: 880-42796-18

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 18:16	1

Method: SW846 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			04/27/24 16:53	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 16:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 16:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/26/24 17:04	04/27/24 16:53	1
o-Terphenyl	82		70 - 130				04/26/24 17:04	04/27/24 16:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/30/24 12:37	1

Client Sample ID: T-4 (3.0)

Lab Sample ID: 880-42796-19

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 18:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 18:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 18:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/24 09:37	04/30/24 18:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 18:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/24 09:37	04/30/24 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/30/24 09:37	04/30/24 18:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130				04/30/24 09:37	04/30/24 18:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 18:37	1

Method: SW846 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			04/27/24 17:15	1

Method: SW846 8015B 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		04/26/24 17:04	04/27/24 17:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:04	04/27/24 17:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-4 (3.0)

Lab Sample ID: 880-42796-19

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:04	04/27/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				04/26/24 17:04	04/27/24 17:15	1
o-Terphenyl	104		70 - 130				04/26/24 17:04	04/27/24 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 12:44	1

Client Sample ID: T-4 (4.0)

Lab Sample ID: 880-42796-20

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 18:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 18:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 18:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/30/24 09:37	04/30/24 18:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/30/24 09:37	04/30/24 18:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/30/24 09:37	04/30/24 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/30/24 09:37	04/30/24 18:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/30/24 09:37	04/30/24 18:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/24 18:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			04/27/24 17:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		04/26/24 17:04	04/27/24 17:36	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		04/26/24 17:04	04/27/24 17:36	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		04/26/24 17:04	04/27/24 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				04/26/24 17:04	04/27/24 17:36	1
o-Terphenyl	83		70 - 130				04/26/24 17:04	04/27/24 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			04/30/24 13:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-21

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/29/24 11:51	04/29/24 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/29/24 11:51	04/29/24 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/29/24 11:51	04/29/24 23:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/29/24 11:51	04/29/24 23:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/29/24 23:16	1

Method: SW846 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			04/27/24 09:46	1

Method: SW846 8015B 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 F1	49.8		mg/Kg		04/26/24 17:08	04/27/24 09:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		04/26/24 17:08	04/27/24 09:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 09:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	3	S1-	70 - 130	04/26/24 17:08	04/27/24 09:46	1
o-Terphenyl	1	S1-	70 - 130	04/26/24 17:08	04/27/24 09:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			04/30/24 13:09	1

Client Sample ID: T-5 (1.5)

Lab Sample ID: 880-42796-22

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/29/24 23:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 23:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/29/24 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/29/24 11:51	04/29/24 23:37	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/29/24 11:51	04/29/24 23:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-5 (1.5)

Lab Sample ID: 880-42796-22

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/29/24 23:37	1

Method: SW846 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			04/27/24 10:50	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:08	04/27/24 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 10:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 10:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				04/26/24 17:08	04/27/24 10:50	1
o-Terphenyl	82		70 - 130				04/26/24 17:08	04/27/24 10:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			04/30/24 13:28	1

Client Sample ID: T-5 (2.0)

Lab Sample ID: 880-42796-23

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/29/24 23:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/29/24 23:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/29/24 23:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/29/24 23:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/29/24 23:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/29/24 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/29/24 11:51	04/29/24 23:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130				04/29/24 11:51	04/29/24 23:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/29/24 23:58	1

Method: SW846 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			04/27/24 11:12	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:08	04/27/24 11:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 11:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-5 (2.0)

Lab Sample ID: 880-42796-23

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:08	04/27/24 11:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				04/26/24 17:08	04/27/24 11:12	1
o-Terphenyl	71		70 - 130				04/26/24 17:08	04/27/24 11:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/30/24 13:34	1

Client Sample ID: T-5 (3.0)

Lab Sample ID: 880-42796-24

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/29/24 11:51	04/30/24 00:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/29/24 11:51	04/30/24 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/29/24 11:51	04/30/24 00:18	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/29/24 11:51	04/30/24 00:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/24 00:18	1

Method: SW846 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			04/27/24 11:33	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 11:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:08	04/27/24 11:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:08	04/27/24 11:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				04/26/24 17:08	04/27/24 11:33	1
o-Terphenyl	73		70 - 130				04/26/24 17:08	04/27/24 11:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			04/30/24 13:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-5 (4.0)

Lab Sample ID: 880-42796-25

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/29/24 11:51	04/30/24 00:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/24 11:51	04/30/24 00:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/29/24 11:51	04/30/24 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/29/24 11:51	04/30/24 00:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/29/24 11:51	04/30/24 00:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/30/24 00:39	1

Method: SW846 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			04/27/24 11:54	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 11:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	51	S1-	70 - 130	04/26/24 17:08	04/27/24 11:54	1
o-Terphenyl	49	S1-	70 - 130	04/26/24 17:08	04/27/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			04/30/24 13:46	1

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

Lab Sample ID: 880-42796-26

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 01:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 01:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 01:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 01:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 01:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/29/24 11:51	04/30/24 01:00	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/29/24 11:51	04/30/24 01:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-26

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 01:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 12:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 12:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 12:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130				04/26/24 17:08	04/27/24 12:16	1
o-Terphenyl	61	S1-	70 - 130				04/26/24 17:08	04/27/24 12:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 13:53	1

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-42796-27

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/30/24 01:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/30/24 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/29/24 11:51	04/30/24 01:20	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/29/24 11:51	04/30/24 01:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 01:20	1

Method: SW846 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			04/27/24 12:37	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:08	04/27/24 12:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 12:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-42796-27

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:08	04/27/24 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				04/26/24 17:08	04/27/24 12:37	1
o-Terphenyl	78		70 - 130				04/26/24 17:08	04/27/24 12:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			04/30/24 13:59	1

Client Sample ID: T-6 (2.0)

Lab Sample ID: 880-42796-28

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/30/24 01:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 01:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/30/24 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/29/24 11:51	04/30/24 01:41	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/29/24 11:51	04/30/24 01:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 01:41	1

Method: SW846 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			04/27/24 12:58	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 12:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:08	04/27/24 12:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:08	04/27/24 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				04/26/24 17:08	04/27/24 12:58	1
o-Terphenyl	85		70 - 130				04/26/24 17:08	04/27/24 12:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 14:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-6 (3.0)

Lab Sample ID: 880-42796-29

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 02:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/29/24 11:51	04/30/24 02:02	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/29/24 11:51	04/30/24 02:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 02:02	1

Method: SW846 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			04/27/24 13:20	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 13:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	04/26/24 17:08	04/27/24 13:20	1
o-Terphenyl	103		70 - 130	04/26/24 17:08	04/27/24 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			04/30/24 21:55	1

Client Sample ID: T-6 (4.0)

Lab Sample ID: 880-42796-30

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 02:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 02:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/29/24 11:51	04/30/24 02:22	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/29/24 11:51	04/30/24 02:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-6 (4.0)

Lab Sample ID: 880-42796-30

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 02:22	1

Method: SW846 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			04/27/24 13:41	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:08	04/27/24 13:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 13:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				04/26/24 17:08	04/27/24 13:41	1
o-Terphenyl	96		70 - 130				04/26/24 17:08	04/27/24 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.73		5.05		mg/Kg			04/30/24 22:13	1

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

Lab Sample ID: 880-42796-31

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 03:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 03:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 03:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/29/24 11:51	04/30/24 03:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 03:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/29/24 11:51	04/30/24 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/29/24 11:51	04/30/24 03:46	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/29/24 11:51	04/30/24 03:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/30/24 03:46	1

Method: SW846 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			04/27/24 14:24	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 14:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 14:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-31

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:08	04/27/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				04/26/24 17:08	04/27/24 14:24	1
o-Terphenyl	87		70 - 130				04/26/24 17:08	04/27/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/30/24 22:19	1

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-42796-32

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 04:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 04:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 04:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/29/24 11:51	04/30/24 04:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 04:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/29/24 11:51	04/30/24 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/29/24 11:51	04/30/24 04:06	1
1,4-Difluorobenzene (Surr)	104		70 - 130				04/29/24 11:51	04/30/24 04:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/30/24 04:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 14:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 14:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 14:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				04/26/24 17:08	04/27/24 14:45	1
o-Terphenyl	70		70 - 130				04/26/24 17:08	04/27/24 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.56		5.00		mg/Kg			04/30/24 22:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-7 (2.0)

Lab Sample ID: 880-42796-33

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/29/24 11:51	04/30/24 04:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/29/24 11:51	04/30/24 04:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	04/29/24 11:51	04/30/24 04:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130	04/29/24 11:51	04/30/24 04:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/30/24 04:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.5		49.6		mg/Kg			04/27/24 15:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/26/24 17:08	04/27/24 15:06	1
Diesel Range Organics (Over C10-C28)	54.5		49.6		mg/Kg		04/26/24 17:08	04/27/24 15:06	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/26/24 17:08	04/27/24 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	04/26/24 17:08	04/27/24 15:06	1
o-Terphenyl	94		70 - 130	04/26/24 17:08	04/27/24 15:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.30		4.95		mg/Kg			04/30/24 22:31	1

Client Sample ID: T-7 (3.0)

Lab Sample ID: 880-42796-34

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 04:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/29/24 11:51	04/30/24 04:48	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/29/24 11:51	04/30/24 04:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-7 (3.0)

Lab Sample ID: 880-42796-34

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 04:48	1

Method: SW846 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			04/27/24 15:28	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 15:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				04/26/24 17:08	04/27/24 15:28	1
o-Terphenyl	78		70 - 130				04/26/24 17:08	04/27/24 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.17		5.05		mg/Kg			04/30/24 22:50	1

Client Sample ID: T-7 (4.0)

Lab Sample ID: 880-42796-35

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 05:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 05:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/29/24 11:51	04/30/24 05:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/29/24 11:51	04/30/24 05:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 05:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.3		49.9		mg/Kg			04/27/24 15:49	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 15:49	1
Diesel Range Organics (Over C10-C28)	58.3		49.9		mg/Kg		04/26/24 17:08	04/27/24 15:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-7 (4.0)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-35
Matrix: Solid

Method: SW846 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		04/26/24 17:08	04/27/24 15:49	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	66	S1-	70 - 130				04/26/24 17:08	04/27/24 15:49	1	
o-Terphenyl	73		70 - 130				04/26/24 17:08	04/27/24 15:49	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	6.44		5.05		mg/Kg			04/30/24 22:56	1	

Client Sample ID: T-8 (0-1)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-36
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:29	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:29	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:29	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 05:29	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:29	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 05:29	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	100		70 - 130				04/29/24 11:51	04/30/24 05:29	1	
1,4-Difluorobenzene (Surr)	102		70 - 130				04/29/24 11:51	04/30/24 05:29	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 05:29	1	

Method: SW846 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			04/27/24 16:11	1	

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 16:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/26/24 17:08	04/27/24 16:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/26/24 17:08	04/27/24 16:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	58	S1-	70 - 130				04/26/24 17:08	04/27/24 16:11	1	
o-Terphenyl	61	S1-	70 - 130				04/26/24 17:08	04/27/24 16:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.02	U	5.02		mg/Kg			04/30/24 23:02	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-8 (1.5)

Lab Sample ID: 880-42796-37

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 05:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 05:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/24 11:51	04/30/24 05:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/29/24 11:51	04/30/24 05:50	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/29/24 11:51	04/30/24 05:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/24 05:50	1

Method: SW846 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			04/27/24 16:32	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:08	04/27/24 16:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 16:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	04/26/24 17:08	04/27/24 16:32	1
o-Terphenyl	86		70 - 130	04/26/24 17:08	04/27/24 16:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			04/30/24 23:08	1

Client Sample ID: T-8 (2.0)

Lab Sample ID: 880-42796-38

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 06:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 06:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 06:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/29/24 11:51	04/30/24 06:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/29/24 11:51	04/30/24 06:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/29/24 11:51	04/30/24 06:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/29/24 11:51	04/30/24 06:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/29/24 11:51	04/30/24 06:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-8 (2.0)

Lab Sample ID: 880-42796-38

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/30/24 06:10	1

Method: SW846 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			04/27/24 16:53	1

Method: SW846 8015B NM - Diesel 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		04/26/24 17:08	04/27/24 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 16:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				04/26/24 17:08	04/27/24 16:53	1
o-Terphenyl	84		70 - 130				04/26/24 17:08	04/27/24 16:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			04/30/24 23:14	1

Client Sample ID: T-8 (3.0)

Lab Sample ID: 880-42796-39

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 06:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/30/24 06:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/30/24 06:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/29/24 11:51	04/30/24 06:31	1
1,4-Difluorobenzene (Surr)	106		70 - 130				04/29/24 11:51	04/30/24 06:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/30/24 06:31	1

Method: SW846 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			04/27/24 17:15	1

Method: SW846 8015B 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		04/26/24 17:08	04/27/24 17:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/26/24 17:08	04/27/24 17:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-8 (3.0)

Lab Sample ID: 880-42796-39

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 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		04/26/24 17:08	04/27/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				04/26/24 17:08	04/27/24 17:15	1
o-Terphenyl	69	S1-	70 - 130				04/26/24 17:08	04/27/24 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			04/30/24 23:21	1

Client Sample ID: T-8 (4.0)

Lab Sample ID: 880-42796-40

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 06:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 06:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 06:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/30/24 06:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/24 11:51	04/30/24 06:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/24 11:51	04/30/24 06:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/29/24 11:51	04/30/24 06:52	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/29/24 11:51	04/30/24 06:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/30/24 06:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/24 17:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 17:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 17:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/26/24 17:08	04/27/24 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				04/26/24 17:08	04/27/24 17:36	1
o-Terphenyl	106		70 - 130				04/26/24 17:08	04/27/24 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.20		5.03		mg/Kg			04/30/24 23:39	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-42796-1	T-1 (0-1)	103	100
880-42796-1 MS	T-1 (0-1)	97	94
880-42796-1 MSD	T-1 (0-1)	106	94
880-42796-2	T-1 (1.5)	116	114
880-42796-3	T-1 (2.0)	122	102
880-42796-4	T-1 (3.0)	109	100
880-42796-5	T-1 (4.0)	119	107
880-42796-6	T-2 (0-1)	120	110
880-42796-7	T-2 (1.5)	73	105
880-42796-8	T-2 (2.0)	95	102
880-42796-9	T-2 (3.0)	96	106
880-42796-10	T-2 (4.0)	85	106
880-42796-11	T-3 (0-1)	104	101
880-42796-12	T-3 (1.5)	106	105
880-42796-13	T-3 (2.0)	91	102
880-42796-14	T-3 (3.0)	95	104
880-42796-15	T-3 (4.0)	101	102
880-42796-16	T-4 (0-1)	81	108
880-42796-17	T-4 (1.5)	102	101
880-42796-18	T-4 (2.0)	104	100
880-42796-19	T-4 (3.0)	85	107
880-42796-20	T-4 (4.0)	109	99
880-42796-21	T-5 (0-1)	93	99
880-42796-21 MS	T-5 (0-1)	110	106
880-42796-21 MSD	T-5 (0-1)	103	103
880-42796-22	T-5 (1.5)	95	103
880-42796-23	T-5 (2.0)	98	107
880-42796-24	T-5 (3.0)	95	103
880-42796-25	T-5 (4.0)	98	101
880-42796-26	T-6 (0-1)	99	102
880-42796-27	T-6 (1.5)	95	100
880-42796-28	T-6 (2.0)	97	103
880-42796-29	T-6 (3.0)	98	103
880-42796-30	T-6 (4.0)	100	106
880-42796-31	T-7 (0-1)	97	105
880-42796-32	T-7 (1.5)	93	104
880-42796-33	T-7 (2.0)	83	110
880-42796-34	T-7 (3.0)	92	103
880-42796-35	T-7 (4.0)	92	101
880-42796-36	T-8 (0-1)	100	102
880-42796-37	T-8 (1.5)	103	104
880-42796-38	T-8 (2.0)	90	107
880-42796-39	T-8 (3.0)	96	106
880-42796-40	T-8 (4.0)	96	101
880-42874-A-1-B MS	Matrix Spike	91	104
880-42874-A-1-C MSD	Matrix Spike Duplicate	107	106
LCS 880-79527/1-A	Lab Control Sample	103	90
LCS 880-79529/1-A	Lab Control Sample	103	102
LCS 880-79631/1-A	Lab Control Sample	103	103

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-42796-1

Project/Site: Appleseed Federal Com #001

SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-79527/2-A	Lab Control Sample Dup	112	112
LCSD 880-79529/2-A	Lab Control Sample Dup	119	105
LCSD 880-79631/2-A	Lab Control Sample Dup	101	105
MB 880-79508/5-A	Method Blank	61 S1-	101
MB 880-79527/5-A	Method Blank	170 S1+	122
MB 880-79529/5-A	Method Blank	61 S1-	101
MB 880-79631/5-A	Method Blank	63 S1-	102
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)
880-42796-1	T-1 (0-1)	101	84
880-42796-2	T-1 (1.5)	90	77
880-42796-2 MS	T-1 (1.5)	104	75
880-42796-2 MSD	T-1 (1.5)	100	72
880-42796-3	T-1 (2.0)	94	79
880-42796-4	T-1 (3.0)	101	85
880-42796-5	T-1 (4.0)	85	75
880-42796-6	T-2 (0-1)	105	87
880-42796-7	T-2 (1.5)	96	80
880-42796-8	T-2 (2.0)	103	86
880-42796-9	T-2 (3.0)	101	86
880-42796-10	T-2 (4.0)	119	103
880-42796-11	T-3 (0-1)	108	88
880-42796-12	T-3 (1.5)	108	89
880-42796-13	T-3 (2.0)	94	81
880-42796-14	T-3 (3.0)	97	83
880-42796-15	T-3 (4.0)	100	83
880-42796-16	T-4 (0-1)	90	77
880-42796-17	T-4 (1.5)	108	88
880-42796-18	T-4 (2.0)	100	82
880-42796-19	T-4 (3.0)	128	104
880-42796-20	T-4 (4.0)	95	83
880-42796-21	T-5 (0-1)	3 S1-	1 S1-
880-42796-21 MS	T-5 (0-1)	46 S1-	41 S1-
880-42796-21 MSD	T-5 (0-1)	55 S1-	49 S1-
880-42796-22	T-5 (1.5)	79	82
880-42796-23	T-5 (2.0)	67 S1-	71
880-42796-24	T-5 (3.0)	68 S1-	73
880-42796-25	T-5 (4.0)	51 S1-	49 S1-
880-42796-26	T-6 (0-1)	59 S1-	61 S1-
880-42796-27	T-6 (1.5)	71	78
880-42796-28	T-6 (2.0)	79	85
880-42796-29	T-6 (3.0)	95	103

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-42796-1

Project/Site: Appleseed Federal Com #001

SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-42796-30	T-6 (4.0)	88	96
880-42796-31	T-7 (0-1)	77	87
880-42796-32	T-7 (1.5)	66 S1-	70
880-42796-33	T-7 (2.0)	84	94
880-42796-34	T-7 (3.0)	73	78
880-42796-35	T-7 (4.0)	66 S1-	73
880-42796-36	T-8 (0-1)	58 S1-	61 S1-
880-42796-37	T-8 (1.5)	80	86
880-42796-38	T-8 (2.0)	74	84
880-42796-39	T-8 (3.0)	62 S1-	69 S1-
880-42796-40	T-8 (4.0)	94	106
LCS 880-79465/2-A	Lab Control Sample	113	112
LCS 880-79466/2-A	Lab Control Sample	87	93
LCSD 880-79465/3-A	Lab Control Sample Dup	102	106
LCSD 880-79466/3-A	Lab Control Sample Dup	93	106
MB 880-79465/1-A	Method Blank	115	101
MB 880-79466/1-A	Method Blank	95	98
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-79508/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 79487							Prep Batch: 79508		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:34	04/29/24 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:34	04/29/24 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:34	04/29/24 12:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 10:34	04/29/24 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 10:34	04/29/24 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 10:34	04/29/24 12:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130				04/29/24 10:34	04/29/24 12:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/29/24 10:34	04/29/24 12:14	1

Lab Sample ID: MB 880-79527/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 79489							Prep Batch: 79527		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 15:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 15:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 15:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:50	04/29/24 15:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:50	04/29/24 15:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:50	04/29/24 15:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130				04/29/24 11:50	04/29/24 15:15	1
1,4-Difluorobenzene (Surr)	122		70 - 130				04/29/24 11:50	04/29/24 15:15	1

Lab Sample ID: LCS 880-79527/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 79489							Prep Batch: 79527		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.09378		mg/Kg		94	70 - 130		
Toluene	0.100	0.09177		mg/Kg		92	70 - 130		
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130		
m-Xylene & p-Xylene	0.200	0.2160		mg/Kg		108	70 - 130		
o-Xylene	0.100	0.09266		mg/Kg		93	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	90		70 - 130						

Lab Sample ID: LCSD 880-79527/2-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 79489							Prep Batch: 79527		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1140		mg/Kg		114	70 - 130	19	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-79527/2-A

Matrix: Solid

Analysis Batch: 79489

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 79527

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.1180		mg/Kg		118	70 - 130		25	35
Ethylbenzene	0.100	0.1231		mg/Kg		123	70 - 130		14	35
m-Xylene & p-Xylene	0.200	0.2890	*+	mg/Kg		144	70 - 130		29	35
o-Xylene	0.100	0.08965		mg/Kg		90	70 - 130		3	35

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

Lab Sample ID: 880-42796-1 MS

Matrix: Solid

Analysis Batch: 79489

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

Prep Type: Total/NA

Prep Batch: 79527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00200	U	0.100	0.08352		mg/Kg		84	70 - 130	
Toluene	<0.00200	U	0.100	0.08466		mg/Kg		85	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09200		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene	<0.00401	U *	0.200	0.1908		mg/Kg		95	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08202		mg/Kg		82	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-42796-1 MSD

Matrix: Solid

Analysis Batch: 79489

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

Prep Type: Total/NA

Prep Batch: 79527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00200	U	0.100	0.07983		mg/Kg		80	70 - 130		5	35
Toluene	<0.00200	U	0.100	0.08186		mg/Kg		82	70 - 130		3	35
Ethylbenzene	<0.00200	U	0.100	0.08674		mg/Kg		87	70 - 130		6	35
m-Xylene & p-Xylene	<0.00401	U *	0.200	0.1828		mg/Kg		91	70 - 130		4	35
o-Xylene	<0.00200	U	0.100	0.07928		mg/Kg		79	70 - 130		3	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-79529/5-A

Matrix: Solid

Analysis Batch: 79487

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79529

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 22:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/29/24 22:55	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-79529/5-A

Matrix: Solid

Analysis Batch: 79487

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79529

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/24 11:51	04/29/24 22:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/24 11:51	04/29/24 22:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	04/29/24 11:51	04/29/24 22:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/29/24 11:51	04/29/24 22:55	1

Lab Sample ID: LCS 880-79529/1-A

Matrix: Solid

Analysis Batch: 79487

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 79529

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1028		mg/Kg		103	70 - 130
Toluene	0.100	0.1073		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1081		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2197		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-79529/2-A

Matrix: Solid

Analysis Batch: 79487

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 79529

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1125		mg/Kg		112	70 - 130	9	35
Toluene	0.100	0.1177		mg/Kg		118	70 - 130	9	35
Ethylbenzene	0.100	0.1215		mg/Kg		122	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2477		mg/Kg		124	70 - 130	12	35
o-Xylene	0.100	0.1253		mg/Kg		125	70 - 130	12	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-42796-21 MS

Matrix: Solid

Analysis Batch: 79487

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

Prep Type: Total/NA

Prep Batch: 79529

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.100	0.1130		mg/Kg		113	70 - 130
Toluene	<0.00200	U	0.100	0.1157		mg/Kg		116	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1145		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2317		mg/Kg		116	70 - 130
o-Xylene	<0.00200	U	0.100	0.1180		mg/Kg		118	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-21 MS

Matrix: Solid

Analysis Batch: 79487

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

Prep Type: Total/NA

Prep Batch: 79529

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-42796-21 MSD

Matrix: Solid

Analysis Batch: 79487

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

Prep Type: Total/NA

Prep Batch: 79529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1100		mg/Kg		110	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.1094		mg/Kg		109	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.1073		mg/Kg		107	70 - 130	6	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2170		mg/Kg		109	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.1104		mg/Kg		110	70 - 130	7	35

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

Lab Sample ID: MB 880-79631/5-A

Matrix: Solid

Analysis Batch: 79611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/24 09:37	04/30/24 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/24 09:37	04/30/24 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/24 09:37	04/30/24 12:03	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130	04/30/24 09:37	04/30/24 12:03	1			
1,4-Difluorobenzene (Surr)	102		70 - 130	04/30/24 09:37	04/30/24 12:03	1			

Lab Sample ID: LCS 880-79631/1-A

Matrix: Solid

Analysis Batch: 79611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 79631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1047		mg/Kg		105	70 - 130
Toluene	0.100	0.1101		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1101		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2227		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1106		mg/Kg		111	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-79631/1-A
Matrix: Solid
Analysis Batch: 79611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79631

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

Lab Sample ID: LCSD 880-79631/2-A
Matrix: Solid
Analysis Batch: 79611

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 79631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1091		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.1126		mg/Kg		113	70 - 130	2	35
Ethylbenzene	0.100	0.1119		mg/Kg		112	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2267		mg/Kg		113	70 - 130	2	35
o-Xylene	0.100	0.1133		mg/Kg		113	70 - 130	2	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-42874-A-1-B MS
Matrix: Solid
Analysis Batch: 79611

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 79631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09042		mg/Kg		91	70 - 130
Toluene	<0.00198	U	0.0996	0.09282		mg/Kg		93	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.09002		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.199	0.1816		mg/Kg		90	70 - 130
o-Xylene	<0.00198	U	0.0996	0.09119		mg/Kg		91	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-42874-A-1-C MSD
Matrix: Solid
Analysis Batch: 79611

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 79631

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.09804		mg/Kg		97	70 - 130	8	35
Toluene	<0.00198	U	0.101	0.1019		mg/Kg		101	70 - 130	9	35
Ethylbenzene	<0.00198	U	0.101	0.09942		mg/Kg		98	70 - 130	10	35
m-Xylene & p-Xylene	<0.00397	U	0.202	0.2005		mg/Kg		98	70 - 130	10	35
o-Xylene	<0.00198	U	0.101	0.1005		mg/Kg		99	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-79465/1-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79465

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		04/26/24 17:04	04/27/24 07:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 07:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:04	04/27/24 07:17	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				04/26/24 17:04	04/27/24 07:17	1
o-Terphenyl	101		70 - 130				04/26/24 17:04	04/27/24 07:17	1

Lab Sample ID: LCS 880-79465/2-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	938.2		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	959.2		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	113		70 - 130				
o-Terphenyl	112		70 - 130				

Lab Sample ID: LCSD 880-79465/3-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 79465

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	975.1		mg/Kg		98	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	999.1		mg/Kg		100	70 - 130	4	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	102		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-42796-2 MS
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: T-1 (1.5)
Prep Type: Total/NA
Prep Batch: 79465

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	1030		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	988.5		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-2 MS

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: T-1 (1.5)

Prep Type: Total/NA

Prep Batch: 79465

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: 880-42796-2 MSD

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: T-1 (1.5)

Prep Type: Total/NA

Prep Batch: 79465

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	842.1		mg/Kg		81	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	972.4		mg/Kg		97	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	72		70 - 130								

Lab Sample ID: MB 880-79466/1-A

Matrix: Solid

Analysis Batch: 79472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79466

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		04/26/24 17:08	04/27/24 07:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 07:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/26/24 17:08	04/27/24 07:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				04/26/24 17:08	04/27/24 07:17	1
o-Terphenyl	98		70 - 130				04/26/24 17:08	04/27/24 07:17	1

Lab Sample ID: LCS 880-79466/2-A

Matrix: Solid

Analysis Batch: 79472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 79466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	972.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	926.9		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	87		70 - 130				
o-Terphenyl	93		70 - 130				

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-79466/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 79472				Prep Batch: 79466							
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	971.4		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	935.9		mg/Kg		94	70 - 130	1	20
LCSD LCSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: 880-42796-21 MS				Client Sample ID: T-5 (0-1)							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 79472				Prep Batch: 79466							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	1000	500.5	F1	mg/Kg		48	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	469.0	F1	mg/Kg		43	70 - 130		
MS MS											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	46	S1-	70 - 130								
o-Terphenyl	41	S1-	70 - 130								

Lab Sample ID: 880-42796-21 MSD				Client Sample ID: T-5 (0-1)							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 79472				Prep Batch: 79466							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	1000	576.8	F1	mg/Kg		55	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	1000	556.9	F1	mg/Kg		52	70 - 130	17	20
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	55	S1-	70 - 130								
o-Terphenyl	49	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-79526/1-A				Client Sample ID: Method Blank							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 79570											
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 02:21	1		

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-79526/2-A

Matrix: Solid

Analysis Batch: 79570

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.0		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-79526/3-A

Matrix: Solid

Analysis Batch: 79570

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	234.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-42795-A-9-C MS

Matrix: Solid

Analysis Batch: 79570

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.02	U	251	246.5		mg/Kg		96	90 - 110

Lab Sample ID: 880-42795-A-9-D MSD

Matrix: Solid

Analysis Batch: 79570

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.02	U	251	246.7		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-79531/1-A

Matrix: Solid

Analysis Batch: 79615

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 21:36	1

Lab Sample ID: LCS 880-79531/2-A

Matrix: Solid

Analysis Batch: 79615

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-79531/3-A

Matrix: Solid

Analysis Batch: 79615

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	251.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-42796-29 MS

Matrix: Solid

Analysis Batch: 79615

Client Sample ID: T-6 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.02	U	251	251.7		mg/Kg		99	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-42796-29 MSD

Matrix: Solid

Analysis Batch: 79615

Client Sample ID: T-6 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.02	U	251	252.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-42796-39 MS

Matrix: Solid

Analysis Batch: 79615

Client Sample ID: T-8 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.95	U	248	254.0		mg/Kg		101	90 - 110		

Lab Sample ID: 880-42796-39 MSD

Matrix: Solid

Analysis Batch: 79615

Client Sample ID: T-8 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.95	U	248	252.3		mg/Kg		100	90 - 110	1	20

Lab Sample ID: MB 880-79528/1-A

Matrix: Solid

Analysis Batch: 79616

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/30/24 10:57	1

Lab Sample ID: LCS 880-79528/2-A

Matrix: Solid

Analysis Batch: 79616

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	236.1		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-79528/3-A

Matrix: Solid

Analysis Batch: 79616

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	234.0		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-42796-9 MS

Matrix: Solid

Analysis Batch: 79616

Client Sample ID: T-2 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	6.11		251	234.7		mg/Kg		91	90 - 110		

Lab Sample ID: 880-42796-9 MSD

Matrix: Solid

Analysis Batch: 79616

Client Sample ID: T-2 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.11		251	235.2		mg/Kg		91	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-42796-19 MS

Matrix: Solid

Analysis Batch: 79616

Client Sample ID: T-4 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.04	U	252	230.4		mg/Kg		91	90 - 110

Lab Sample ID: 880-42796-19 MSD

Matrix: Solid

Analysis Batch: 79616

Client Sample ID: T-4 (3.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.04	U	252	229.7		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 79487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-21	T-5 (0-1)	Total/NA	Solid	8021B	79529
880-42796-22	T-5 (1.5)	Total/NA	Solid	8021B	79529
880-42796-23	T-5 (2.0)	Total/NA	Solid	8021B	79529
880-42796-24	T-5 (3.0)	Total/NA	Solid	8021B	79529
880-42796-25	T-5 (4.0)	Total/NA	Solid	8021B	79529
880-42796-26	T-6 (0-1)	Total/NA	Solid	8021B	79529
880-42796-27	T-6 (1.5)	Total/NA	Solid	8021B	79529
880-42796-28	T-6 (2.0)	Total/NA	Solid	8021B	79529
880-42796-29	T-6 (3.0)	Total/NA	Solid	8021B	79529
880-42796-30	T-6 (4.0)	Total/NA	Solid	8021B	79529
880-42796-31	T-7 (0-1)	Total/NA	Solid	8021B	79529
880-42796-32	T-7 (1.5)	Total/NA	Solid	8021B	79529
880-42796-33	T-7 (2.0)	Total/NA	Solid	8021B	79529
880-42796-34	T-7 (3.0)	Total/NA	Solid	8021B	79529
880-42796-35	T-7 (4.0)	Total/NA	Solid	8021B	79529
880-42796-36	T-8 (0-1)	Total/NA	Solid	8021B	79529
880-42796-37	T-8 (1.5)	Total/NA	Solid	8021B	79529
880-42796-38	T-8 (2.0)	Total/NA	Solid	8021B	79529
880-42796-39	T-8 (3.0)	Total/NA	Solid	8021B	79529
880-42796-40	T-8 (4.0)	Total/NA	Solid	8021B	79529
MB 880-79508/5-A	Method Blank	Total/NA	Solid	8021B	79508
MB 880-79529/5-A	Method Blank	Total/NA	Solid	8021B	79529
LCS 880-79529/1-A	Lab Control Sample	Total/NA	Solid	8021B	79529
LCSD 880-79529/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	79529
880-42796-21 MS	T-5 (0-1)	Total/NA	Solid	8021B	79529
880-42796-21 MSD	T-5 (0-1)	Total/NA	Solid	8021B	79529

Analysis Batch: 79489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Total/NA	Solid	8021B	79527
880-42796-2	T-1 (1.5)	Total/NA	Solid	8021B	79527
880-42796-3	T-1 (2.0)	Total/NA	Solid	8021B	79527
880-42796-4	T-1 (3.0)	Total/NA	Solid	8021B	79527
880-42796-5	T-1 (4.0)	Total/NA	Solid	8021B	79527
880-42796-6	T-2 (0-1)	Total/NA	Solid	8021B	79527
MB 880-79527/5-A	Method Blank	Total/NA	Solid	8021B	79527
LCS 880-79527/1-A	Lab Control Sample	Total/NA	Solid	8021B	79527
LCSD 880-79527/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	79527
880-42796-1 MS	T-1 (0-1)	Total/NA	Solid	8021B	79527
880-42796-1 MSD	T-1 (0-1)	Total/NA	Solid	8021B	79527

Prep Batch: 79508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-79508/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 79527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Total/NA	Solid	5035	
880-42796-2	T-1 (1.5)	Total/NA	Solid	5035	
880-42796-3	T-1 (2.0)	Total/NA	Solid	5035	
880-42796-4	T-1 (3.0)	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 79527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-5	T-1 (4.0)	Total/NA	Solid	5035	
880-42796-6	T-2 (0-1)	Total/NA	Solid	5035	
MB 880-79527/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-79527/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-79527/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42796-1 MS	T-1 (0-1)	Total/NA	Solid	5035	
880-42796-1 MSD	T-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 79529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-21	T-5 (0-1)	Total/NA	Solid	5035	
880-42796-22	T-5 (1.5)	Total/NA	Solid	5035	
880-42796-23	T-5 (2.0)	Total/NA	Solid	5035	
880-42796-24	T-5 (3.0)	Total/NA	Solid	5035	
880-42796-25	T-5 (4.0)	Total/NA	Solid	5035	
880-42796-26	T-6 (0-1)	Total/NA	Solid	5035	
880-42796-27	T-6 (1.5)	Total/NA	Solid	5035	
880-42796-28	T-6 (2.0)	Total/NA	Solid	5035	
880-42796-29	T-6 (3.0)	Total/NA	Solid	5035	
880-42796-30	T-6 (4.0)	Total/NA	Solid	5035	
880-42796-31	T-7 (0-1)	Total/NA	Solid	5035	
880-42796-32	T-7 (1.5)	Total/NA	Solid	5035	
880-42796-33	T-7 (2.0)	Total/NA	Solid	5035	
880-42796-34	T-7 (3.0)	Total/NA	Solid	5035	
880-42796-35	T-7 (4.0)	Total/NA	Solid	5035	
880-42796-36	T-8 (0-1)	Total/NA	Solid	5035	
880-42796-37	T-8 (1.5)	Total/NA	Solid	5035	
880-42796-38	T-8 (2.0)	Total/NA	Solid	5035	
880-42796-39	T-8 (3.0)	Total/NA	Solid	5035	
880-42796-40	T-8 (4.0)	Total/NA	Solid	5035	
MB 880-79529/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-79529/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-79529/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42796-21 MS	T-5 (0-1)	Total/NA	Solid	5035	
880-42796-21 MSD	T-5 (0-1)	Total/NA	Solid	5035	

Analysis Batch: 79611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-7	T-2 (1.5)	Total/NA	Solid	8021B	79631
880-42796-8	T-2 (2.0)	Total/NA	Solid	8021B	79631
880-42796-9	T-2 (3.0)	Total/NA	Solid	8021B	79631
880-42796-10	T-2 (4.0)	Total/NA	Solid	8021B	79631
880-42796-11	T-3 (0-1)	Total/NA	Solid	8021B	79631
880-42796-12	T-3 (1.5)	Total/NA	Solid	8021B	79631
880-42796-13	T-3 (2.0)	Total/NA	Solid	8021B	79631
880-42796-14	T-3 (3.0)	Total/NA	Solid	8021B	79631
880-42796-15	T-3 (4.0)	Total/NA	Solid	8021B	79631
880-42796-16	T-4 (0-1)	Total/NA	Solid	8021B	79631
880-42796-17	T-4 (1.5)	Total/NA	Solid	8021B	79631
880-42796-18	T-4 (2.0)	Total/NA	Solid	8021B	79631
880-42796-19	T-4 (3.0)	Total/NA	Solid	8021B	79631

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 79611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-20	T-4 (4.0)	Total/NA	Solid	8021B	79631
MB 880-79631/5-A	Method Blank	Total/NA	Solid	8021B	79631
LCS 880-79631/1-A	Lab Control Sample	Total/NA	Solid	8021B	79631
LCSD 880-79631/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	79631
880-42874-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	79631
880-42874-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	79631

Prep Batch: 79631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-7	T-2 (1.5)	Total/NA	Solid	5035	
880-42796-8	T-2 (2.0)	Total/NA	Solid	5035	
880-42796-9	T-2 (3.0)	Total/NA	Solid	5035	
880-42796-10	T-2 (4.0)	Total/NA	Solid	5035	
880-42796-11	T-3 (0-1)	Total/NA	Solid	5035	
880-42796-12	T-3 (1.5)	Total/NA	Solid	5035	
880-42796-13	T-3 (2.0)	Total/NA	Solid	5035	
880-42796-14	T-3 (3.0)	Total/NA	Solid	5035	
880-42796-15	T-3 (4.0)	Total/NA	Solid	5035	
880-42796-16	T-4 (0-1)	Total/NA	Solid	5035	
880-42796-17	T-4 (1.5)	Total/NA	Solid	5035	
880-42796-18	T-4 (2.0)	Total/NA	Solid	5035	
880-42796-19	T-4 (3.0)	Total/NA	Solid	5035	
880-42796-20	T-4 (4.0)	Total/NA	Solid	5035	
MB 880-79631/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-79631/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-79631/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42874-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-42874-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 79668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-2	T-1 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-3	T-1 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-4	T-1 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-5	T-1 (4.0)	Total/NA	Solid	Total BTEX	
880-42796-6	T-2 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-7	T-2 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-8	T-2 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-9	T-2 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-10	T-2 (4.0)	Total/NA	Solid	Total BTEX	
880-42796-11	T-3 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-12	T-3 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-13	T-3 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-14	T-3 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-15	T-3 (4.0)	Total/NA	Solid	Total BTEX	
880-42796-16	T-4 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-17	T-4 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-18	T-4 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-19	T-4 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-20	T-4 (4.0)	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 79668 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-21	T-5 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-22	T-5 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-23	T-5 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-24	T-5 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-25	T-5 (4.0)	Total/NA	Solid	Total BTEX	
880-42796-26	T-6 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-27	T-6 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-28	T-6 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-29	T-6 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-30	T-6 (4.0)	Total/NA	Solid	Total BTEX	
880-42796-31	T-7 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-32	T-7 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-33	T-7 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-34	T-7 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-35	T-7 (4.0)	Total/NA	Solid	Total BTEX	
880-42796-36	T-8 (0-1)	Total/NA	Solid	Total BTEX	
880-42796-37	T-8 (1.5)	Total/NA	Solid	Total BTEX	
880-42796-38	T-8 (2.0)	Total/NA	Solid	Total BTEX	
880-42796-39	T-8 (3.0)	Total/NA	Solid	Total BTEX	
880-42796-40	T-8 (4.0)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 79465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-2	T-1 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-3	T-1 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-4	T-1 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-5	T-1 (4.0)	Total/NA	Solid	8015NM Prep	
880-42796-6	T-2 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-7	T-2 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-8	T-2 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-9	T-2 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-10	T-2 (4.0)	Total/NA	Solid	8015NM Prep	
880-42796-11	T-3 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-12	T-3 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-13	T-3 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-14	T-3 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-15	T-3 (4.0)	Total/NA	Solid	8015NM Prep	
880-42796-16	T-4 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-17	T-4 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-18	T-4 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-19	T-4 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-20	T-4 (4.0)	Total/NA	Solid	8015NM Prep	
MB 880-79465/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-79465/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-79465/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42796-2 MS	T-1 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-2 MSD	T-1 (1.5)	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 79466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-21	T-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-22	T-5 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-23	T-5 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-24	T-5 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-25	T-5 (4.0)	Total/NA	Solid	8015NM Prep	
880-42796-26	T-6 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-27	T-6 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-28	T-6 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-29	T-6 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-30	T-6 (4.0)	Total/NA	Solid	8015NM Prep	
880-42796-31	T-7 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-32	T-7 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-33	T-7 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-34	T-7 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-35	T-7 (4.0)	Total/NA	Solid	8015NM Prep	
880-42796-36	T-8 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-37	T-8 (1.5)	Total/NA	Solid	8015NM Prep	
880-42796-38	T-8 (2.0)	Total/NA	Solid	8015NM Prep	
880-42796-39	T-8 (3.0)	Total/NA	Solid	8015NM Prep	
880-42796-40	T-8 (4.0)	Total/NA	Solid	8015NM Prep	
MB 880-79466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-79466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-79466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42796-21 MS	T-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-42796-21 MSD	T-5 (0-1)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 79470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Total/NA	Solid	8015B NM	79465
880-42796-2	T-1 (1.5)	Total/NA	Solid	8015B NM	79465
880-42796-3	T-1 (2.0)	Total/NA	Solid	8015B NM	79465
880-42796-4	T-1 (3.0)	Total/NA	Solid	8015B NM	79465
880-42796-5	T-1 (4.0)	Total/NA	Solid	8015B NM	79465
880-42796-6	T-2 (0-1)	Total/NA	Solid	8015B NM	79465
880-42796-7	T-2 (1.5)	Total/NA	Solid	8015B NM	79465
880-42796-8	T-2 (2.0)	Total/NA	Solid	8015B NM	79465
880-42796-9	T-2 (3.0)	Total/NA	Solid	8015B NM	79465
880-42796-10	T-2 (4.0)	Total/NA	Solid	8015B NM	79465
880-42796-11	T-3 (0-1)	Total/NA	Solid	8015B NM	79465
880-42796-12	T-3 (1.5)	Total/NA	Solid	8015B NM	79465
880-42796-13	T-3 (2.0)	Total/NA	Solid	8015B NM	79465
880-42796-14	T-3 (3.0)	Total/NA	Solid	8015B NM	79465
880-42796-15	T-3 (4.0)	Total/NA	Solid	8015B NM	79465
880-42796-16	T-4 (0-1)	Total/NA	Solid	8015B NM	79465
880-42796-17	T-4 (1.5)	Total/NA	Solid	8015B NM	79465
880-42796-18	T-4 (2.0)	Total/NA	Solid	8015B NM	79465
880-42796-19	T-4 (3.0)	Total/NA	Solid	8015B NM	79465
880-42796-20	T-4 (4.0)	Total/NA	Solid	8015B NM	79465
MB 880-79465/1-A	Method Blank	Total/NA	Solid	8015B NM	79465
LCS 880-79465/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	79465
LCSD 880-79465/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	79465

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 79470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-2 MS	T-1 (1.5)	Total/NA	Solid	8015B NM	79465
880-42796-2 MSD	T-1 (1.5)	Total/NA	Solid	8015B NM	79465

Analysis Batch: 79472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-21	T-5 (0-1)	Total/NA	Solid	8015B NM	79466
880-42796-22	T-5 (1.5)	Total/NA	Solid	8015B NM	79466
880-42796-23	T-5 (2.0)	Total/NA	Solid	8015B NM	79466
880-42796-24	T-5 (3.0)	Total/NA	Solid	8015B NM	79466
880-42796-25	T-5 (4.0)	Total/NA	Solid	8015B NM	79466
880-42796-26	T-6 (0-1)	Total/NA	Solid	8015B NM	79466
880-42796-27	T-6 (1.5)	Total/NA	Solid	8015B NM	79466
880-42796-28	T-6 (2.0)	Total/NA	Solid	8015B NM	79466
880-42796-29	T-6 (3.0)	Total/NA	Solid	8015B NM	79466
880-42796-30	T-6 (4.0)	Total/NA	Solid	8015B NM	79466
880-42796-31	T-7 (0-1)	Total/NA	Solid	8015B NM	79466
880-42796-32	T-7 (1.5)	Total/NA	Solid	8015B NM	79466
880-42796-33	T-7 (2.0)	Total/NA	Solid	8015B NM	79466
880-42796-34	T-7 (3.0)	Total/NA	Solid	8015B NM	79466
880-42796-35	T-7 (4.0)	Total/NA	Solid	8015B NM	79466
880-42796-36	T-8 (0-1)	Total/NA	Solid	8015B NM	79466
880-42796-37	T-8 (1.5)	Total/NA	Solid	8015B NM	79466
880-42796-38	T-8 (2.0)	Total/NA	Solid	8015B NM	79466
880-42796-39	T-8 (3.0)	Total/NA	Solid	8015B NM	79466
880-42796-40	T-8 (4.0)	Total/NA	Solid	8015B NM	79466
MB 880-79466/1-A	Method Blank	Total/NA	Solid	8015B NM	79466
LCS 880-79466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	79466
LCSD 880-79466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	79466
880-42796-21 MS	T-5 (0-1)	Total/NA	Solid	8015B NM	79466
880-42796-21 MSD	T-5 (0-1)	Total/NA	Solid	8015B NM	79466

Analysis Batch: 79591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Total/NA	Solid	8015 NM	
880-42796-2	T-1 (1.5)	Total/NA	Solid	8015 NM	
880-42796-3	T-1 (2.0)	Total/NA	Solid	8015 NM	
880-42796-4	T-1 (3.0)	Total/NA	Solid	8015 NM	
880-42796-5	T-1 (4.0)	Total/NA	Solid	8015 NM	
880-42796-6	T-2 (0-1)	Total/NA	Solid	8015 NM	
880-42796-7	T-2 (1.5)	Total/NA	Solid	8015 NM	
880-42796-8	T-2 (2.0)	Total/NA	Solid	8015 NM	
880-42796-9	T-2 (3.0)	Total/NA	Solid	8015 NM	
880-42796-10	T-2 (4.0)	Total/NA	Solid	8015 NM	
880-42796-11	T-3 (0-1)	Total/NA	Solid	8015 NM	
880-42796-12	T-3 (1.5)	Total/NA	Solid	8015 NM	
880-42796-13	T-3 (2.0)	Total/NA	Solid	8015 NM	
880-42796-14	T-3 (3.0)	Total/NA	Solid	8015 NM	
880-42796-15	T-3 (4.0)	Total/NA	Solid	8015 NM	
880-42796-16	T-4 (0-1)	Total/NA	Solid	8015 NM	
880-42796-17	T-4 (1.5)	Total/NA	Solid	8015 NM	
880-42796-18	T-4 (2.0)	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 79591 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-19	T-4 (3.0)	Total/NA	Solid	8015 NM	
880-42796-20	T-4 (4.0)	Total/NA	Solid	8015 NM	
880-42796-21	T-5 (0-1)	Total/NA	Solid	8015 NM	
880-42796-22	T-5 (1.5)	Total/NA	Solid	8015 NM	
880-42796-23	T-5 (2.0)	Total/NA	Solid	8015 NM	
880-42796-24	T-5 (3.0)	Total/NA	Solid	8015 NM	
880-42796-25	T-5 (4.0)	Total/NA	Solid	8015 NM	
880-42796-26	T-6 (0-1)	Total/NA	Solid	8015 NM	
880-42796-27	T-6 (1.5)	Total/NA	Solid	8015 NM	
880-42796-28	T-6 (2.0)	Total/NA	Solid	8015 NM	
880-42796-29	T-6 (3.0)	Total/NA	Solid	8015 NM	
880-42796-30	T-6 (4.0)	Total/NA	Solid	8015 NM	
880-42796-31	T-7 (0-1)	Total/NA	Solid	8015 NM	
880-42796-32	T-7 (1.5)	Total/NA	Solid	8015 NM	
880-42796-33	T-7 (2.0)	Total/NA	Solid	8015 NM	
880-42796-34	T-7 (3.0)	Total/NA	Solid	8015 NM	
880-42796-35	T-7 (4.0)	Total/NA	Solid	8015 NM	
880-42796-36	T-8 (0-1)	Total/NA	Solid	8015 NM	
880-42796-37	T-8 (1.5)	Total/NA	Solid	8015 NM	
880-42796-38	T-8 (2.0)	Total/NA	Solid	8015 NM	
880-42796-39	T-8 (3.0)	Total/NA	Solid	8015 NM	
880-42796-40	T-8 (4.0)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 79526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Soluble	Solid	DI Leach	
880-42796-2	T-1 (1.5)	Soluble	Solid	DI Leach	
880-42796-3	T-1 (2.0)	Soluble	Solid	DI Leach	
880-42796-4	T-1 (3.0)	Soluble	Solid	DI Leach	
880-42796-5	T-1 (4.0)	Soluble	Solid	DI Leach	
880-42796-6	T-2 (0-1)	Soluble	Solid	DI Leach	
880-42796-7	T-2 (1.5)	Soluble	Solid	DI Leach	
880-42796-8	T-2 (2.0)	Soluble	Solid	DI Leach	
MB 880-79526/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-79526/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-79526/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42795-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42795-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 79528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-9	T-2 (3.0)	Soluble	Solid	DI Leach	
880-42796-10	T-2 (4.0)	Soluble	Solid	DI Leach	
880-42796-11	T-3 (0-1)	Soluble	Solid	DI Leach	
880-42796-12	T-3 (1.5)	Soluble	Solid	DI Leach	
880-42796-13	T-3 (2.0)	Soluble	Solid	DI Leach	
880-42796-14	T-3 (3.0)	Soluble	Solid	DI Leach	
880-42796-15	T-3 (4.0)	Soluble	Solid	DI Leach	
880-42796-16	T-4 (0-1)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 79528 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-17	T-4 (1.5)	Soluble	Solid	DI Leach	
880-42796-18	T-4 (2.0)	Soluble	Solid	DI Leach	
880-42796-19	T-4 (3.0)	Soluble	Solid	DI Leach	
880-42796-20	T-4 (4.0)	Soluble	Solid	DI Leach	
880-42796-21	T-5 (0-1)	Soluble	Solid	DI Leach	
880-42796-22	T-5 (1.5)	Soluble	Solid	DI Leach	
880-42796-23	T-5 (2.0)	Soluble	Solid	DI Leach	
880-42796-24	T-5 (3.0)	Soluble	Solid	DI Leach	
880-42796-25	T-5 (4.0)	Soluble	Solid	DI Leach	
880-42796-26	T-6 (0-1)	Soluble	Solid	DI Leach	
880-42796-27	T-6 (1.5)	Soluble	Solid	DI Leach	
880-42796-28	T-6 (2.0)	Soluble	Solid	DI Leach	
MB 880-79528/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-79528/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-79528/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42796-9 MS	T-2 (3.0)	Soluble	Solid	DI Leach	
880-42796-9 MSD	T-2 (3.0)	Soluble	Solid	DI Leach	
880-42796-19 MS	T-4 (3.0)	Soluble	Solid	DI Leach	
880-42796-19 MSD	T-4 (3.0)	Soluble	Solid	DI Leach	

Leach Batch: 79531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-29	T-6 (3.0)	Soluble	Solid	DI Leach	
880-42796-30	T-6 (4.0)	Soluble	Solid	DI Leach	
880-42796-31	T-7 (0-1)	Soluble	Solid	DI Leach	
880-42796-32	T-7 (1.5)	Soluble	Solid	DI Leach	
880-42796-33	T-7 (2.0)	Soluble	Solid	DI Leach	
880-42796-34	T-7 (3.0)	Soluble	Solid	DI Leach	
880-42796-35	T-7 (4.0)	Soluble	Solid	DI Leach	
880-42796-36	T-8 (0-1)	Soluble	Solid	DI Leach	
880-42796-37	T-8 (1.5)	Soluble	Solid	DI Leach	
880-42796-38	T-8 (2.0)	Soluble	Solid	DI Leach	
880-42796-39	T-8 (3.0)	Soluble	Solid	DI Leach	
880-42796-40	T-8 (4.0)	Soluble	Solid	DI Leach	
MB 880-79531/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-79531/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-79531/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42796-29 MS	T-6 (3.0)	Soluble	Solid	DI Leach	
880-42796-29 MSD	T-6 (3.0)	Soluble	Solid	DI Leach	
880-42796-39 MS	T-8 (3.0)	Soluble	Solid	DI Leach	
880-42796-39 MSD	T-8 (3.0)	Soluble	Solid	DI Leach	

Analysis Batch: 79570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-1	T-1 (0-1)	Soluble	Solid	300.0	79526
880-42796-2	T-1 (1.5)	Soluble	Solid	300.0	79526
880-42796-3	T-1 (2.0)	Soluble	Solid	300.0	79526
880-42796-4	T-1 (3.0)	Soluble	Solid	300.0	79526
880-42796-5	T-1 (4.0)	Soluble	Solid	300.0	79526
880-42796-6	T-2 (0-1)	Soluble	Solid	300.0	79526
880-42796-7	T-2 (1.5)	Soluble	Solid	300.0	79526

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 79570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-8	T-2 (2.0)	Soluble	Solid	300.0	79526
MB 880-79526/1-A	Method Blank	Soluble	Solid	300.0	79526
LCS 880-79526/2-A	Lab Control Sample	Soluble	Solid	300.0	79526
LCSD 880-79526/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	79526
880-42795-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	79526
880-42795-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	79526

Analysis Batch: 79615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-29	T-6 (3.0)	Soluble	Solid	300.0	79531
880-42796-30	T-6 (4.0)	Soluble	Solid	300.0	79531
880-42796-31	T-7 (0-1)	Soluble	Solid	300.0	79531
880-42796-32	T-7 (1.5)	Soluble	Solid	300.0	79531
880-42796-33	T-7 (2.0)	Soluble	Solid	300.0	79531
880-42796-34	T-7 (3.0)	Soluble	Solid	300.0	79531
880-42796-35	T-7 (4.0)	Soluble	Solid	300.0	79531
880-42796-36	T-8 (0-1)	Soluble	Solid	300.0	79531
880-42796-37	T-8 (1.5)	Soluble	Solid	300.0	79531
880-42796-38	T-8 (2.0)	Soluble	Solid	300.0	79531
880-42796-39	T-8 (3.0)	Soluble	Solid	300.0	79531
880-42796-40	T-8 (4.0)	Soluble	Solid	300.0	79531
MB 880-79531/1-A	Method Blank	Soluble	Solid	300.0	79531
LCS 880-79531/2-A	Lab Control Sample	Soluble	Solid	300.0	79531
LCSD 880-79531/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	79531
880-42796-29 MS	T-6 (3.0)	Soluble	Solid	300.0	79531
880-42796-29 MSD	T-6 (3.0)	Soluble	Solid	300.0	79531
880-42796-39 MS	T-8 (3.0)	Soluble	Solid	300.0	79531
880-42796-39 MSD	T-8 (3.0)	Soluble	Solid	300.0	79531

Analysis Batch: 79616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42796-9	T-2 (3.0)	Soluble	Solid	300.0	79528
880-42796-10	T-2 (4.0)	Soluble	Solid	300.0	79528
880-42796-11	T-3 (0-1)	Soluble	Solid	300.0	79528
880-42796-12	T-3 (1.5)	Soluble	Solid	300.0	79528
880-42796-13	T-3 (2.0)	Soluble	Solid	300.0	79528
880-42796-14	T-3 (3.0)	Soluble	Solid	300.0	79528
880-42796-15	T-3 (4.0)	Soluble	Solid	300.0	79528
880-42796-16	T-4 (0-1)	Soluble	Solid	300.0	79528
880-42796-17	T-4 (1.5)	Soluble	Solid	300.0	79528
880-42796-18	T-4 (2.0)	Soluble	Solid	300.0	79528
880-42796-19	T-4 (3.0)	Soluble	Solid	300.0	79528
880-42796-20	T-4 (4.0)	Soluble	Solid	300.0	79528
880-42796-21	T-5 (0-1)	Soluble	Solid	300.0	79528
880-42796-22	T-5 (1.5)	Soluble	Solid	300.0	79528
880-42796-23	T-5 (2.0)	Soluble	Solid	300.0	79528
880-42796-24	T-5 (3.0)	Soluble	Solid	300.0	79528
880-42796-25	T-5 (4.0)	Soluble	Solid	300.0	79528
880-42796-26	T-6 (0-1)	Soluble	Solid	300.0	79528
880-42796-27	T-6 (1.5)	Soluble	Solid	300.0	79528
880-42796-28	T-6 (2.0)	Soluble	Solid	300.0	79528

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 79616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-79528/1-A	Method Blank	Soluble	Solid	300.0	79528
LCS 880-79528/2-A	Lab Control Sample	Soluble	Solid	300.0	79528
LCSD 880-79528/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	79528
880-42796-9 MS	T-2 (3.0)	Soluble	Solid	300.0	79528
880-42796-9 MSD	T-2 (3.0)	Soluble	Solid	300.0	79528
880-42796-19 MS	T-4 (3.0)	Soluble	Solid	300.0	79528
880-42796-19 MSD	T-4 (3.0)	Soluble	Solid	300.0	79528

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-42796-1

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79527	04/29/24 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79489	04/29/24 16:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 16:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 10:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 10:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:02	SMC	EET MID

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-42796-2

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79527	04/29/24 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79489	04/29/24 16:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 16:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 09:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 09:46	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:17	SMC	EET MID

Client Sample ID: T-1 (2.0)

Lab Sample ID: 880-42796-3

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	79527	04/29/24 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79489	04/29/24 17:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 17:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 11:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 11:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:22	SMC	EET MID

Client Sample ID: T-1 (3.0)

Lab Sample ID: 880-42796-4

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	79527	04/29/24 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79489	04/29/24 17:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 17:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-1 (3.0)

Lab Sample ID: 880-42796-4

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

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			79591	04/27/24 11:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 11:33	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:26	SMC	EET MID

Client Sample ID: T-1 (4.0)

Lab Sample ID: 880-42796-5

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	79527	04/29/24 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79489	04/29/24 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 17:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 11:54	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:31	SMC	EET MID

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

Lab Sample ID: 880-42796-6

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79527	04/29/24 11:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79489	04/29/24 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 18:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 12:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:36	SMC	EET MID

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-42796-7

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 12:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 12:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-42796-7

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:41	SMC	EET MID

Client Sample ID: T-2 (2.0)

Lab Sample ID: 880-42796-8

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 13:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 12:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 12:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79526	04/29/24 11:49	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79570	04/30/24 04:46	SMC	EET MID

Client Sample ID: T-2 (3.0)

Lab Sample ID: 880-42796-9

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 14:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 13:20	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 11:15	SMC	EET MID

Client Sample ID: T-2 (4.0)

Lab Sample ID: 880-42796-10

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 14:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 13:41	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 11:34	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

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

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 14:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 14:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 11:41	SMC	EET MID

Client Sample ID: T-3 (1.5)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 14:45	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 11:47	SMC	EET MID

Client Sample ID: T-3 (2.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 15:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 15:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 15:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 11:53	SMC	EET MID

Client Sample ID: T-3 (3.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 16:53	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3.0)

Lab Sample ID: 880-42796-14

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

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			79591	04/27/24 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 15:28	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 12:12	SMC	EET MID

Client Sample ID: T-3 (4.0)

Lab Sample ID: 880-42796-15

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 17:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 15:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 15:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 12:18	SMC	EET MID

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

Lab Sample ID: 880-42796-16

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 17:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 17:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 16:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 16:11	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 12:25	SMC	EET MID

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-42796-17

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 17:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 16:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 16:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-42796-17

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 12:31	SMC	EET MID

Client Sample ID: T-4 (2.0)

Lab Sample ID: 880-42796-18

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 18:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 16:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 16:53	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 12:37	SMC	EET MID

Client Sample ID: T-4 (3.0)

Lab Sample ID: 880-42796-19

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 18:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 17:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 17:15	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 12:44	SMC	EET MID

Client Sample ID: T-4 (4.0)

Lab Sample ID: 880-42796-20

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	79631	04/30/24 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79611	04/30/24 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	79465	04/26/24 17:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 17:36	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:02	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-5 (0-1)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/29/24 23:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 23:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 09:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 09:46	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:09	SMC	EET MID

Client Sample ID: T-5 (1.5)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/29/24 23:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 23:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 10:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 10:50	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:28	SMC	EET MID

Client Sample ID: T-5 (2.0)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/29/24 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/29/24 23:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 11:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 11:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:34	SMC	EET MID

Client Sample ID: T-5 (3.0)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 00:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 00:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-5 (3.0)

Lab Sample ID: 880-42796-24

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

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			79591	04/27/24 11:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 11:33	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:40	SMC	EET MID

Client Sample ID: T-5 (4.0)

Lab Sample ID: 880-42796-25

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 00:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 11:54	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:46	SMC	EET MID

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

Lab Sample ID: 880-42796-26

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 01:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 01:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 12:16	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:53	SMC	EET MID

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-42796-27

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 01:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 12:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 12:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-6 (1.5)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 13:59	SMC	EET MID

Client Sample ID: T-6 (2.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 01:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 12:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 12:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	79528	04/29/24 11:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79616	04/30/24 14:05	SMC	EET MID

Client Sample ID: T-6 (3.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 02:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 13:20	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 21:55	SMC	EET MID

Client Sample ID: T-6 (4.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 02:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 02:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 13:41	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 22:13	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-7 (0-1)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 03:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 14:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 22:19	SMC	EET MID

Client Sample ID: T-7 (1.5)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 04:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 04:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 14:45	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 22:25	SMC	EET MID

Client Sample ID: T-7 (2.0)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 04:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 15:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 15:06	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 22:31	SMC	EET MID

Client Sample ID: T-7 (3.0)
Date Collected: 04/26/24 00:00
Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 04:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-7 (3.0)

Lab Sample ID: 880-42796-34

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

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			79591	04/27/24 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 15:28	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 22:50	SMC	EET MID

Client Sample ID: T-7 (4.0)

Lab Sample ID: 880-42796-35

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 05:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 15:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 15:49	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 22:56	SMC	EET MID

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-42796-36

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 05:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 16:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 16:11	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 23:02	SMC	EET MID

Client Sample ID: T-8 (1.5)

Lab Sample ID: 880-42796-37

Date Collected: 04/26/24 00:00

Matrix: Solid

Date Received: 04/26/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 05:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 16:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 16:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Client Sample ID: T-8 (1.5)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 23:08	SMC	EET MID

Client Sample ID: T-8 (2.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 06:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 16:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 16:53	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 23:14	SMC	EET MID

Client Sample ID: T-8 (3.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 06:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 17:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 17:15	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 23:21	SMC	EET MID

Client Sample ID: T-8 (4.0)

Date Collected: 04/26/24 00:00

Date Received: 04/26/24 16:00

Lab Sample ID: 880-42796-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	79529	04/29/24 11:51	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79487	04/30/24 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79668	04/30/24 06:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			79591	04/27/24 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	79466	04/26/24 17:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79472	04/27/24 17:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	79531	04/29/24 11:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79615	04/30/24 23:39	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	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
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-42796-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42796-1	T-1 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-2	T-1 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-3	T-1 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-4	T-1 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-5	T-1 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-6	T-2 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-7	T-2 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-8	T-2 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-9	T-2 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-10	T-2 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-11	T-3 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-12	T-3 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-13	T-3 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-14	T-3 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-15	T-3 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-16	T-4 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-17	T-4 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-18	T-4 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-19	T-4 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-20	T-4 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-21	T-5 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-22	T-5 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-23	T-5 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-24	T-5 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-25	T-5 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-26	T-6 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-27	T-6 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-28	T-6 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-29	T-6 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-30	T-6 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-31	T-7 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-32	T-7 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-33	T-7 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-34	T-7 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-35	T-7 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-36	T-8 (0-1)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-37	T-8 (1.5)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-38	T-8 (2.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-39	T-8 (3.0)	Solid	04/26/24 00:00	04/26/24 16:00
880-42796-40	T-8 (4.0)	Solid	04/26/24 00:00	04/26/24 16:00



880-42796 Chain of Custody

-9- I of 4

Project Manager: Ashton Thielke		Bill to (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: Appleseed Federal Com #001		Turn Around		Pres. Code	
Project Number: 2332		☒ Routine ☐ Rush			
Project Location: Lea Co, NM		Due Date			
Sampler's Name: GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #		Wet Ice			

SAMPLE RECEIPT		Temp Blank		Yes ☒ No ☐	
Received Intact:		Thermometer ID		IRX	
Cooler Custody Seals		Yes No		N/A	
Sample Custody Seals		Yes No		N/A	
Total Containers		Corrected Temperature		5.7	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
T-1 (0-1)	4/26/2024		X		G	1				None NO DI Water H ₂ O
T-1 (1.5)	4/26/2024		X		G	1				Cool Cool MeOH Me
T-1 (2.0)	4/26/2024		X		G	1				HCL HC HNO ₃ HN
T-1 (3.0)	4/26/2024		X		G	1				H ₂ SO ₄ H ₂ NaOH Na
T-1 (4.0)	4/26/2024		X		G	1				H ₃ PO ₄ HP
T-2 (0-1)	4/26/2024		X		G	1				NaHSO ₄ NABIS
T-2 (1.5)	4/26/2024		X		G	1				Na ₂ S ₂ O ₃ NaSO ₃
T-2 (2.0)	4/26/2024		X		G	1				Zn Acetate+NaOH Zn
T-2 (3.0)	4/26/2024		X		G	1				NaOH+Ascorbic Acid SAPC
T-2 (4.0)	4/26/2024		X		G	1				

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	4/26/24	<i>[Signature]</i>	<i>[Signature]</i>	

Revised Date 05/01/2020 Rev 2020.1

Work Order No: 42796

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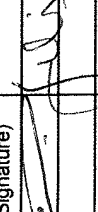
Project Manager		Ashton Thielke		Bill to. (if different)		Carmona Resources	
Company Name		Carmona Resources		Company Name			
Address		310 West Wall Ste 500		Address			
City, State ZIP		Midland, TX 79701		City, State ZIP			
Phone		432-813-8988		Email		ThielkeA@Carmonaresources.com	

Project Name		Appleseed Federal Com #001		Turn Around		Pres. Code	
Project Number		2332		☒ Routine ☐ Rush			
Project Location		Lea Co. NM		Due Date		Normal	
Sampler's Name		GPJ		TAT starts the day received by the lab, if received by 4:30pm			
PO #							

SAMPLE RECEIPT		Temp Blank		Yes No		Wet Ice		Yes No	
Received Intact:		Yes No		Thermometer ID		Correction Factor		Temperature Reading	
Cooler Custody Seals		Yes No N/A		Temperature Reading		Corrected Temperature			
Sample Custody Seals		Yes No N/A							
Total Containers:									

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
T-3 (0-1)	4/26/2024		X		G	1				None NO DI Water H ₂ O
T-3 (1-5)	4/26/2024		X		G	1				Cool Cool MeOH Me
T-3 (2 0)	4/26/2024		X		G	1				HCL HC HNO ₃ HN
T-3 (3 0)	4/26/2024		X		G	1				H ₂ SO ₄ H ₂ NaOH Na
T-3 (4 0)	4/26/2024		X		G	1				H ₃ PO ₄ HP
T-4 (0-1)	4/26/2024		X		G	1				NaHSO ₄ NABIS
T-4 (1 5)	4/26/2024		X		G	1				Na ₂ S ₂ O ₃ NaSO ₃
T-4 (2 0)	4/26/2024		X		G	1				Zn Acetate+NaOH Zn
T-4 (3 0)	4/26/2024		X		G	1				NaOH+Ascorbic Acid SAPC
T-4 (4 0)	4/26/2024		X		G	1				

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		4/26/24 1600			
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Revised Date 05/12/2020 Rev 2020.1

Work Order No.:

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Program: ☐ US/PST ☐ PRP ☐ Rowfields ☐ RC ☐ Refund	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	Deliverables EDD ☐ ADaPT ☐ Other:
Work Order Comments	

Project Manager	Ashton Thielke		Bill to (if different)	Carmona Resources
Company Name	Carmona Resources		Company Name	
Address	310 West Wall Ste 500		Address	
City, State ZIP	Midland, TX 79701		City, State ZIP	
Phone	432-813-8988	Email	ThielkeA@Carmonaresources.com	

Project Name		Applesseed Federal Com #001		Turn Around			ANALYSIS REQUEST										Preservative Codes												
Project Number		2332		☒ Routine ☐ Rush		Due Date		Normal												None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC									
Project Location		Lea Co, NM		TAT starts the day received by the lab, if received by 4 30pm																									
Sampler's Name		GPJ																											
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		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0						HOLD				Sample Comments	
T-5 (0-1)		4/26/2024				X				G		1		X		X		X											
T-5 (1 5)		4/26/2024				X				G		1		X		X		X											
T-5 (2 0)		4/26/2024				X				G		1		X		X		X											
T-5 (3 0)		4/26/2024				X				G		1		X		X		X											
T-5 (4 0)		4/26/2024				X				G		1		X		X		X											
T-6 (0-1)		4/26/2024				X				G		1		X		X		X											
T-6 (1 5)		4/26/2024				X				G		1		X		X		X											
T-6 (2 0)		4/26/2024				X				G		1		X		X		X											
T-6 (3 0)		4/26/2024				X				G		1		X		X		X											
T-6 (4 0)		4/26/2024				X				G		1		X		X		X											

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

	Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
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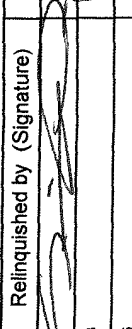
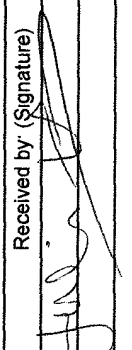
Work Order No: 42796Page 4 of 4

Project Manager		Ashton Thielke		Bill to (if different)		Carmona Resources	
Company Name		Carmona Resources		Company Name			
Address		310 West Wall Ste 500		Address			
City, State ZIP		Midland, TX 79701		City, State ZIP			
Phone		432-813-8988		Email		ThielkeA@Carmonaresources.com	

Project Name		Applesseed Federal Com #001		Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number		2332		Due Date		Normal				None NO	
Project Location		Lea Co, NM		TAT starts the day received by the lab if received by 4:30pm						Cool Cool	
Sampler's Name		GPJ		Thermometer ID						HCL HC	
PO #:				Correction Factor						H ₂ SO ₄ H ₂	
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						Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals		Yes No		N/A						Zn Acetate+NaOH Zn	
Total Containers				Temperature Reading						NaOH+Ascorbic Acid SAPC	
				Corrected Temperature							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 300.0	Hold	Sample Comments
T-7 (0-1)	4/26/2024		X		G	1		X	X	X		
T-7 (1-5)	4/26/2024		X		G	1		X	X	X		
T-7 (2-0)	4/26/2024		X		G	1		X	X	X		
T-7 (3-0)	4/26/2024		X		G	1		X	X	X		
T-7 (4-0)	4/26/2024		X		G	1		X	X	X		
T-8 (0-1)	4/26/2024		X		G	1		X	X	X		
T-8 (1-5)	4/26/2024		X		G	1		X	X	X		
T-8 (2-0)	4/26/2024		X		G	1		X	X	X		
T-8 (3-0)	4/26/2024		X		G	1		X	X	X		
T-8 (4-0)	4/26/2024		X		G	1		X	X	X		

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		4/26/24 1600			
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Revised Date 05/1/2020 Rev 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-42796-1

SDG Number: Lea Co, NM

Login Number: 42796

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 6/17/2024 3:25:33 PM

JOB DESCRIPTION

Appleseed Federal Com #001
Lea Co, NM

JOB NUMBER

880-44725-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/17/2024 3:25:33 PM

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

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Laboratory Job ID: 880-44725-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Appleseed Federal Com #001

Job ID: 880-44725-1

Job ID: 880-44725-1

Eurofins Midland

Job Narrative 880-44725-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/13/2024 1:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -7.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (1.5') (880-44725-1), CS-2 (1.5') (880-44725-2), SW-1 (1.5') (880-44725-3), SW-2 (1.5') (880-44725-4), SW-3 (1.5') (880-44725-5) and SW-4 (1.5') (880-44725-6).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-83052/2-A), (MB 880-83052/1-A) and (880-44536-A-4-D). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-83211 and analytical batch 880-83219 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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-44725-1

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/13/24 13:46	06/14/24 03:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/13/24 13:46	06/14/24 03:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/13/24 13:46	06/14/24 03:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/13/24 13:46	06/14/24 03:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/13/24 13:46	06/14/24 03:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/13/24 13:46	06/14/24 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/13/24 13:46	06/14/24 03:35	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/13/24 13:46	06/14/24 03:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/14/24 03:35	1

Method: SW846 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			06/14/24 14:08	1

Method: SW846 8015B 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		06/13/24 14:15	06/14/24 14:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/13/24 14:15	06/14/24 14:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/13/24 14:15	06/14/24 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	06/13/24 14:15	06/14/24 14:08	1
o-Terphenyl	75		70 - 130	06/13/24 14:15	06/14/24 14:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.7	F1	4.96		mg/Kg			06/14/24 15:14	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-44725-2

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/13/24 13:46	06/14/24 03:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/24 13:46	06/14/24 03:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/13/24 13:46	06/14/24 03:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/13/24 13:46	06/14/24 03:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/13/24 13:46	06/14/24 03:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/13/24 13:46	06/14/24 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/13/24 13:46	06/14/24 03:56	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/13/24 13:46	06/14/24 03:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-44725-2

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/14/24 03:56	1

Method: SW846 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			06/14/24 14:27	1

Method: SW846 8015B 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		06/13/24 14:15	06/14/24 14:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/13/24 14:15	06/14/24 14:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/13/24 14:15	06/14/24 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/13/24 14:15	06/14/24 14:27	1
o-Terphenyl	76		70 - 130				06/13/24 14:15	06/14/24 14:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.7		4.98		mg/Kg			06/14/24 15:29	1

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-44725-3

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/13/24 13:46	06/14/24 04:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/13/24 13:46	06/14/24 04:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/13/24 13:46	06/14/24 04:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/13/24 13:46	06/14/24 04:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/13/24 13:46	06/14/24 04:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/13/24 13:46	06/14/24 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/13/24 13:46	06/14/24 04:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/13/24 13:46	06/14/24 04:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/14/24 04:16	1

Method: SW846 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			06/14/24 14:45	1

Method: SW846 8015B NM - Diesel 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		06/13/24 14:15	06/14/24 14:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/13/24 14:15	06/14/24 14:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-44725-3

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 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		06/13/24 14:15	06/14/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				06/13/24 14:15	06/14/24 14:45	1
o-Terphenyl	82		70 - 130				06/13/24 14:15	06/14/24 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.4		5.04		mg/Kg			06/14/24 15:34	1

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-44725-4

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/13/24 13:46	06/14/24 04:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/13/24 13:46	06/14/24 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/13/24 13:46	06/14/24 04:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/13/24 13:46	06/14/24 04:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/14/24 04:37	1

Method: SW846 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			06/14/24 15:03	1

Method: SW846 8015B NM - Diesel 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		06/13/24 14:15	06/14/24 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/13/24 14:15	06/14/24 15:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/13/24 14:15	06/14/24 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/13/24 14:15	06/14/24 15:03	1
o-Terphenyl	88		70 - 130				06/13/24 14:15	06/14/24 15:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.1		4.98		mg/Kg			06/14/24 15:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-44725-5

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/24 13:46	06/14/24 04:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/24 13:46	06/14/24 04:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/24 13:46	06/14/24 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/13/24 13:46	06/14/24 04:57	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/13/24 13:46	06/14/24 04:57	1

Method: TAL SOP 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			06/14/24 04:57	1

Method: SW846 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			06/14/24 15:21	1

Method: SW846 8015B 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		06/13/24 14:15	06/14/24 15:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/13/24 14:15	06/14/24 15:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/13/24 14:15	06/14/24 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/13/24 14:15	06/14/24 15:21	1
o-Terphenyl	80		70 - 130				06/13/24 14:15	06/14/24 15:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			06/17/24 10:55	1

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-44725-6

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/13/24 13:46	06/14/24 05:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/13/24 13:46	06/14/24 05:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/13/24 13:46	06/14/24 05:18	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/13/24 13:46	06/14/24 05:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/13/24 13:46	06/14/24 05:18	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/13/24 13:46	06/14/24 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/13/24 13:46	06/14/24 05:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/13/24 13:46	06/14/24 05:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: SW-4 (1.5')
Date Collected: 06/12/24 00:00
Date Received: 06/13/24 13:20

Lab Sample ID: 880-44725-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/14/24 05:18	1	
Method: SW846 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			06/14/24 15:39	1	
Method: SW846 8015B 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		06/13/24 14:15	06/14/24 15:39	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/13/24 14:15	06/14/24 15:39	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/13/24 14:15	06/14/24 15:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	95		70 - 130				06/13/24 14:15	06/14/24 15:39	1	
o-Terphenyl	82		70 - 130				06/13/24 14:15	06/14/24 15:39	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	84.8		5.02		mg/Kg			06/14/24 15:59	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-44725-1	CS-1 (1.5')	109	97				
880-44725-2	CS-2 (1.5')	109	96				
880-44725-3	SW-1 (1.5')	108	96				
880-44725-4	SW-2 (1.5')	107	96				
880-44725-5	SW-3 (1.5')	107	96				
880-44725-6	SW-4 (1.5')	108	96				
890-6835-A-41-E MS	Matrix Spike	107	101				
890-6835-A-41-F MSD	Matrix Spike Duplicate	106	102				
LCS 880-83107/1-A	Lab Control Sample	106	103				
LCSD 880-83107/2-A	Lab Control Sample Dup	105	101				
MB 880-82991/5-A	Method Blank	109	94				
MB 880-83107/5-A	Method Blank	108	93				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-44536-A-4-E MS	Matrix Spike	90	85				
880-44536-A-4-F MSD	Matrix Spike Duplicate	91	85				
880-44725-1	CS-1 (1.5')	86	75				
880-44725-2	CS-2 (1.5')	87	76				
880-44725-3	SW-1 (1.5')	94	82				
880-44725-4	SW-2 (1.5')	101	88				
880-44725-5	SW-3 (1.5')	92	80				
880-44725-6	SW-4 (1.5')	95	82				
LCS 880-83052/2-A	Lab Control Sample	137 S1+	102				
LCSD 880-83052/3-A	Lab Control Sample Dup	95	88				
MB 880-83052/1-A	Method Blank	140 S1+	124				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-82991/5-A

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/24 12:06	06/13/24 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/24 12:06	06/13/24 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/24 12:06	06/13/24 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/24 12:06	06/13/24 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/24 12:06	06/13/24 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/24 12:06	06/13/24 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/12/24 12:06	06/13/24 11:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/12/24 12:06	06/13/24 11:15	1

Lab Sample ID: MB 880-83107/5-A

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 83107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/24 11:46	06/13/24 22:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/24 11:46	06/13/24 22:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/24 11:46	06/13/24 22:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/24 11:46	06/13/24 22:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/24 11:46	06/13/24 22:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/24 11:46	06/13/24 22:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/13/24 11:46	06/13/24 22:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/13/24 11:46	06/13/24 22:16	1

Lab Sample ID: LCS 880-83107/1-A

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 83107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1206		mg/Kg		121	70 - 130
Toluene	0.100	0.1074		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2187		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130

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

Lab Sample ID: LCSD 880-83107/2-A

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 83107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1138		mg/Kg		114	70 - 130	6	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-83107/2-A

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 83107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.1015		mg/Kg		101	70 - 130		6	35
Ethylbenzene	0.100	0.1004		mg/Kg		100	70 - 130		5	35
m-Xylene & p-Xylene	0.200	0.2064		mg/Kg		103	70 - 130		6	35
o-Xylene	0.100	0.1035		mg/Kg		103	70 - 130		6	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-6835-A-41-E MS

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 83107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00199	U	0.100	0.1130		mg/Kg		113	70 - 130	
Toluene	<0.00199	U	0.100	0.09802		mg/Kg		98	70 - 130	
Ethylbenzene	<0.00199	U	0.100	0.09264		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1885		mg/Kg		94	70 - 130	
o-Xylene	<0.00199	U	0.100	0.09299		mg/Kg		93	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-6835-A-41-F MSD

Matrix: Solid

Analysis Batch: 83056

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 83107

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00199	U	0.0998	0.1115		mg/Kg		112	70 - 130		1	35
Toluene	<0.00199	U	0.0998	0.09512		mg/Kg		95	70 - 130		3	35
Ethylbenzene	<0.00199	U	0.0998	0.08739		mg/Kg		88	70 - 130		6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1755		mg/Kg		88	70 - 130		7	35
o-Xylene	<0.00199	U	0.0998	0.08689		mg/Kg		87	70 - 130		7	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-83052/1-A

Matrix: Solid

Analysis Batch: 83194

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 83052

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/13/24 08:05	06/14/24 08:15	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-83052/1-A

Matrix: Solid

Analysis Batch: 83194

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 83052

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/13/24 08:05	06/14/24 08:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/13/24 08:05	06/14/24 08:15	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	140	S1+	70 - 130				06/13/24 08:05	06/14/24 08:15	1
o-Terphenyl	124		70 - 130				06/13/24 08:05	06/14/24 08:15	1

Lab Sample ID: LCS 880-83052/2-A

Matrix: Solid

Analysis Batch: 83194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 83052

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1198		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	974.7		mg/Kg		97	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	137	S1+	70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: LCSD 880-83052/3-A

Matrix: Solid

Analysis Batch: 83194

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 83052

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	892.3		mg/Kg		89	70 - 130	9	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	95		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 880-44536-A-4-E MS

Matrix: Solid

Analysis Batch: 83194

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 83052

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	1126		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	994	921.4		mg/Kg		90	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	90		70 - 130								
o-Terphenyl	85		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-44536-A-4-F MSD

Matrix: Solid

Analysis Batch: 83194

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 83052

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	994	1139		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	994	962.5		mg/Kg		94	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	85		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-83211/1-A

Matrix: Solid

Analysis Batch: 83219

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			06/14/24 14:59	1

Lab Sample ID: LCS 880-83211/2-A

Matrix: Solid

Analysis Batch: 83219

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-83211/3-A

Matrix: Solid

Analysis Batch: 83219

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	251.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-44725-1 MS

Matrix: Solid

Analysis Batch: 83219

Client Sample ID: CS-1 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	82.7	F1	248	268.2	F1	mg/Kg		75	90 - 110

Lab Sample ID: 880-44725-1 MSD

Matrix: Solid

Analysis Batch: 83219

Client Sample ID: CS-1 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	82.7	F1	248	268.8	F1	mg/Kg		75	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 82991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-82991/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 83056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Total/NA	Solid	8021B	83107
880-44725-2	CS-2 (1.5')	Total/NA	Solid	8021B	83107
880-44725-3	SW-1 (1.5')	Total/NA	Solid	8021B	83107
880-44725-4	SW-2 (1.5')	Total/NA	Solid	8021B	83107
880-44725-5	SW-3 (1.5')	Total/NA	Solid	8021B	83107
880-44725-6	SW-4 (1.5')	Total/NA	Solid	8021B	83107
MB 880-82991/5-A	Method Blank	Total/NA	Solid	8021B	82991
MB 880-83107/5-A	Method Blank	Total/NA	Solid	8021B	83107
LCS 880-83107/1-A	Lab Control Sample	Total/NA	Solid	8021B	83107
LCSD 880-83107/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	83107
890-6835-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	83107
890-6835-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	83107

Prep Batch: 83107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-44725-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-44725-3	SW-1 (1.5')	Total/NA	Solid	5035	
880-44725-4	SW-2 (1.5')	Total/NA	Solid	5035	
880-44725-5	SW-3 (1.5')	Total/NA	Solid	5035	
880-44725-6	SW-4 (1.5')	Total/NA	Solid	5035	
MB 880-83107/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-83107/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-83107/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6835-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
890-6835-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 83258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-44725-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-44725-3	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-44725-4	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-44725-5	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-44725-6	SW-4 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 83052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-44725-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-44725-3	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-44725-4	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-44725-5	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-44725-6	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-83052/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 83052 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-83052/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-83052/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-44536-A-4-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-44536-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 83194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	83052
880-44725-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	83052
880-44725-3	SW-1 (1.5')	Total/NA	Solid	8015B NM	83052
880-44725-4	SW-2 (1.5')	Total/NA	Solid	8015B NM	83052
880-44725-5	SW-3 (1.5')	Total/NA	Solid	8015B NM	83052
880-44725-6	SW-4 (1.5')	Total/NA	Solid	8015B NM	83052
MB 880-83052/1-A	Method Blank	Total/NA	Solid	8015B NM	83052
LCS 880-83052/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	83052
LCSD 880-83052/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	83052
880-44536-A-4-E MS	Matrix Spike	Total/NA	Solid	8015B NM	83052
880-44536-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	83052

Analysis Batch: 83369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-44725-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-44725-3	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-44725-4	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-44725-5	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-44725-6	SW-4 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 83211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-44725-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-44725-3	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-44725-4	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-44725-5	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-44725-6	SW-4 (1.5')	Soluble	Solid	DI Leach	
MB 880-83211/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-83211/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-83211/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-44725-1 MS	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-44725-1 MSD	CS-1 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 83219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-1	CS-1 (1.5')	Soluble	Solid	300.0	83211
880-44725-2	CS-2 (1.5')	Soluble	Solid	300.0	83211
880-44725-3	SW-1 (1.5')	Soluble	Solid	300.0	83211
880-44725-4	SW-2 (1.5')	Soluble	Solid	300.0	83211
880-44725-5	SW-3 (1.5')	Soluble	Solid	300.0	83211

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 83219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44725-6	SW-4 (1.5')	Soluble	Solid	300.0	83211
MB 880-83211/1-A	Method Blank	Soluble	Solid	300.0	83211
LCS 880-83211/2-A	Lab Control Sample	Soluble	Solid	300.0	83211
LCSD 880-83211/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	83211
880-44725-1 MS	CS-1 (1.5')	Soluble	Solid	300.0	83211
880-44725-1 MSD	CS-1 (1.5')	Soluble	Solid	300.0	83211

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-44725-1

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	83107	06/13/24 13:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83056	06/14/24 03:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			83258	06/14/24 03:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			83369	06/14/24 14:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	83052	06/13/24 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	83194	06/14/24 14:08	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	83211	06/14/24 09:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	83219	06/14/24 15:14	CH	EET MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-44725-2

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	83107	06/13/24 13:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83056	06/14/24 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			83258	06/14/24 03:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			83369	06/14/24 14:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	83052	06/13/24 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	83194	06/14/24 14:27	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	83211	06/14/24 09:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	83219	06/14/24 15:29	CH	EET MID

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-44725-3

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	83107	06/13/24 13:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83056	06/14/24 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			83258	06/14/24 04:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			83369	06/14/24 14:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	83052	06/13/24 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	83194	06/14/24 14:45	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	83211	06/14/24 09:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	83219	06/14/24 15:34	CH	EET MID

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-44725-4

Date Collected: 06/12/24 00:00

Matrix: Solid

Date Received: 06/13/24 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	83107	06/13/24 13:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83056	06/14/24 04:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			83258	06/14/24 04:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (1.5')
Date Collected: 06/12/24 00:00
Date Received: 06/13/24 13:20

Lab Sample ID: 880-44725-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			83369	06/14/24 15:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	83052	06/13/24 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	83194	06/14/24 15:03	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	83211	06/14/24 09:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	83219	06/14/24 15:39	CH	EET MID

Client Sample ID: SW-3 (1.5')
Date Collected: 06/12/24 00:00
Date Received: 06/13/24 13:20

Lab Sample ID: 880-44725-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	83107	06/13/24 13:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83056	06/14/24 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			83258	06/14/24 04:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			83369	06/14/24 15:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	83052	06/13/24 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	83194	06/14/24 15:21	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	83211	06/14/24 09:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	83219	06/17/24 10:55	CH	EET MID

Client Sample ID: SW-4 (1.5')
Date Collected: 06/12/24 00:00
Date Received: 06/13/24 13:20

Lab Sample ID: 880-44725-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	83107	06/13/24 13:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	83056	06/14/24 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			83258	06/14/24 05:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			83369	06/14/24 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	83052	06/13/24 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	83194	06/14/24 15:39	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	83211	06/14/24 09:33	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	83219	06/14/24 15:59	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	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
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Appleseed Federal Com #001

Job ID: 880-44725-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-44725-1	CS-1 (1.5')	Solid	06/12/24 00:00	06/13/24 13:20
880-44725-2	CS-2 (1.5')	Solid	06/12/24 00:00	06/13/24 13:20
880-44725-3	SW-1 (1.5')	Solid	06/12/24 00:00	06/13/24 13:20
880-44725-4	SW-2 (1.5')	Solid	06/12/24 00:00	06/13/24 13:20
880-44725-5	SW-3 (1.5')	Solid	06/12/24 00:00	06/13/24 13:20
880-44725-6	SW-4 (1.5')	Solid	06/12/24 00:00	06/13/24 13:20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

Project Manager:	Ashton Thielke	Bill to: (if different)	Cammona Resources
Company Name:	Cammona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Cammonaresources.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: EDO ☐ ADAPT ☐ Other: _____	



880-44725 Chain of Custody

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6/13/21 1:30 P			6/13/21 1:30 P

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-44725-1

SDG Number: Lea Co, NM

Login Number: 44725

List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 357709

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 357709
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL1031437678
Incident Name	NGRL1031437678 APPLESEED FEDERAL 1 @ 30-025-20377
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-20377] APPLESEED FEDERAL COM #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Appleseed Federal 1
Date Release Discovered	07/02/2010
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Human Error Pump Crude Oil Released: 20 BBL Recovered: 5 BBL Lost: 15 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	357709
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 06/26/2024
--	---

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QUESTIONS, Page 3

Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	357709
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	65
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	146
GRO+DRO	(EPA SW-846 Method 8015M)	146
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/12/2024
On what date will (or did) the final sampling or liner inspection occur	06/12/2024
On what date will (or was) the remediation complete(d)	06/12/2024
What is the estimated surface area (in square feet) that will be reclaimed	400
What is the estimated volume (in cubic yards) that will be reclaimed	20
What is the estimated surface area (in square feet) that will be remediated	400
What is the estimated volume (in cubic yards) that will be remediated	20

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	357709
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	"Site assessment completed, excavated and remediated areas that exceeded set in Table 1 of NMAC 19.15.29. Backfilled with clean topsoil, reseeded area with LPC seed mix and ripped entire pad to promote seed growth".

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 06/26/2024
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 357709
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

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QUESTIONS, Page 6

Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	357709
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	352342
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2024
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	390

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	400
What was the total volume (cubic yards) remediated	20
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	400
What was the total volume (in cubic yards) reclaimed	20
Summarize any additional remediation activities not included by answers (above)	"Site assessment completed, excavated and remediated areas that exceeded set in Table 1 of NMAC 19.15.29. Backfilled with clean topsoil, reseeded area with LPC seed mix and ripped entire pad to promote seed growth".

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

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 06/26/2024
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Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	357709
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	400
What was the total volume of replacement material (in cubic yards) for this site	20
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	06/12/2024
Summarize any additional reclamation activities not included by answers (above)	"Reseeded the entire well pad with LPC seed mix and then re-ripped pad to promote seed growth".
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 06/26/2024

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Action 357709

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 357709
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 357709

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
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Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

CONDITIONS

Created By	Condition	Condition Date
bhall	Reclamation report approved.	7/2/2024
bhall	Future reclamation reports need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/2/2024
bhall	In order to achieve the final status of "Restoration Complete" a revegetation report will need to be submitted. A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC.	7/2/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	7/2/2024