



SITE INFORMATION

Closure Report
Dirty Dozen Federal Com 003H (01.14.22)
Eddy County, New Mexico
Unit H Sec 36 T19S R31E
32.618450°, -103.817039 °

Produced Water Release
Point of Release: Flowline Rupture
Release Date: 01/14/2022
Volume Released: 8 barrel of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road
Loving, New Mexico 88256

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



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CARMONA RESOURCES



March 4, 2022

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

Re: Closure Report
Dirty Dozen Federal Com 003H (01.14.22)
Concho Operating, LLC
Incident ID NAPP2202752480
Site Location: Unit H, S36, T19S, R31E
(Lat 32.618450°, Long -103.817039°)
Eddy County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for Dirty Dozen Federal Com 003H (01.14.22). The site is located at 32.618450°, -103.817039° within Unit H, S36, T19S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 14, 2022, due to surface flowline rupture. It resulted in approximately eight (8) barrels of produced water. Zero (0) barrels of produced water. See figure 3. The initial C-141 form is attached in Appendix A.

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, one known water source is located within a 0.50-mile radius of the location. The closest well is located approximately 0.46 miles West of the site in S36, T19S, R31E and was drilled in 1982. The well has a reported depth to groundwater of 130' feet below ground surface (ft bgs). A copy of the associated USGS – *National Water Information System* 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

On February 7, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points were advanced to depths ranging



from the surface – 8-8.5' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations.

For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix C.

Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite from February 22, 2022, through January 25, 2022, to supervise the remediation activities and collect confirmation samples. The areas of (S-1 and S-2) were excavated to a depth of 8.5' bgs and the area of (S-3) was excavated to a depth of 4.5' bgs to remove all impacted soils.

A total of ten (10) confirmation samples were collected (CS-1 through CS-10), and fourteen (14) sidewall samples (SW-1 through SW-14) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0 and method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

All the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 310 cubic yards of material were excavated and transported offsite for proper disposal.

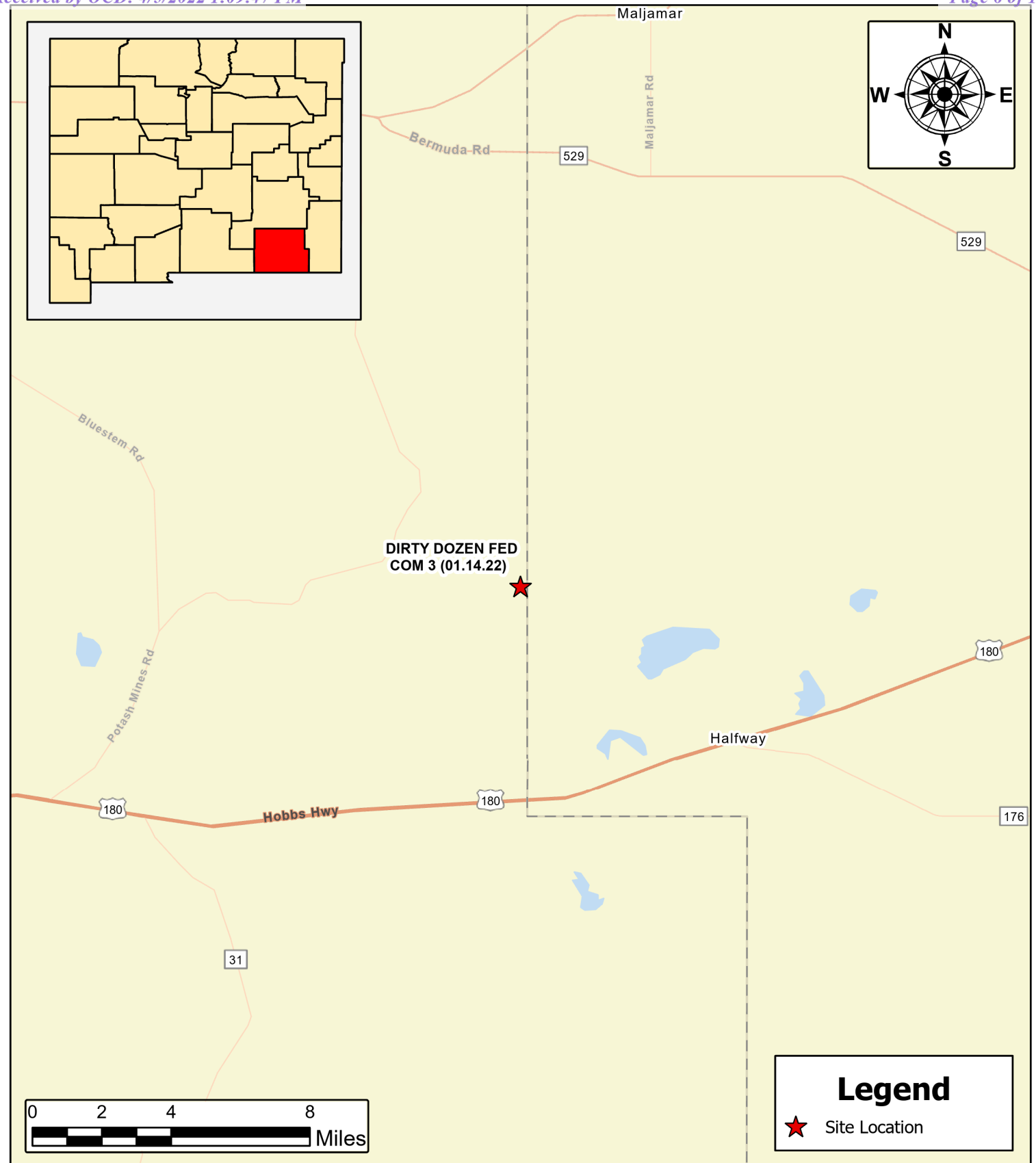
6.0 Conclusions

Based on the results of the assessment and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests 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

Mike Carmona
Environmental Manager

Conner Moehring
Environmental Manager



OVERVIEW MAP COG OPERATING DIRTY DOZEN FED COM 3 (01.14.22) EDDY COUNTY, NEW MEXICO 32.618450, -103.817039	
SCALE: As Shown	Date: 2/19/2022

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

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



TOPOGRAPHIC MAP
COG OPERATING
 DIRTY DOZEN FED COM 3 (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.618450, -103.817039

SCALE: As Shown

Date: 2/19/2022



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

NOTES:

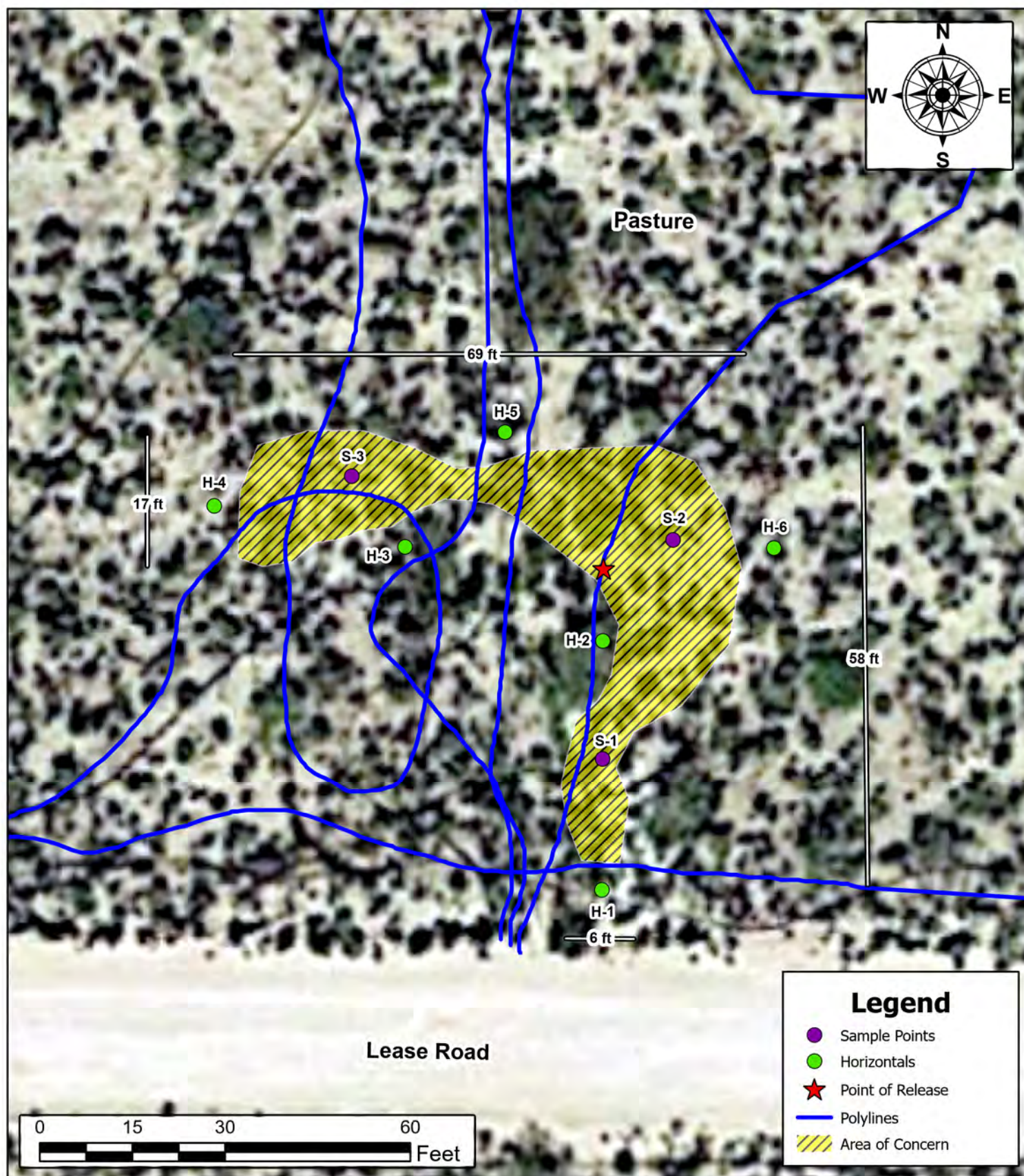
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



SAMPLE LOCATION MAP
COG OPERATING
 DIRTY DOZEN FED COM 3 (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.618450, -103.817039

SCALE: As Shown

Date: 2/19/2022

CARMONA RESOURCES

Carmona Resources
 310 West Wall Street, Suite 415
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NOTES:

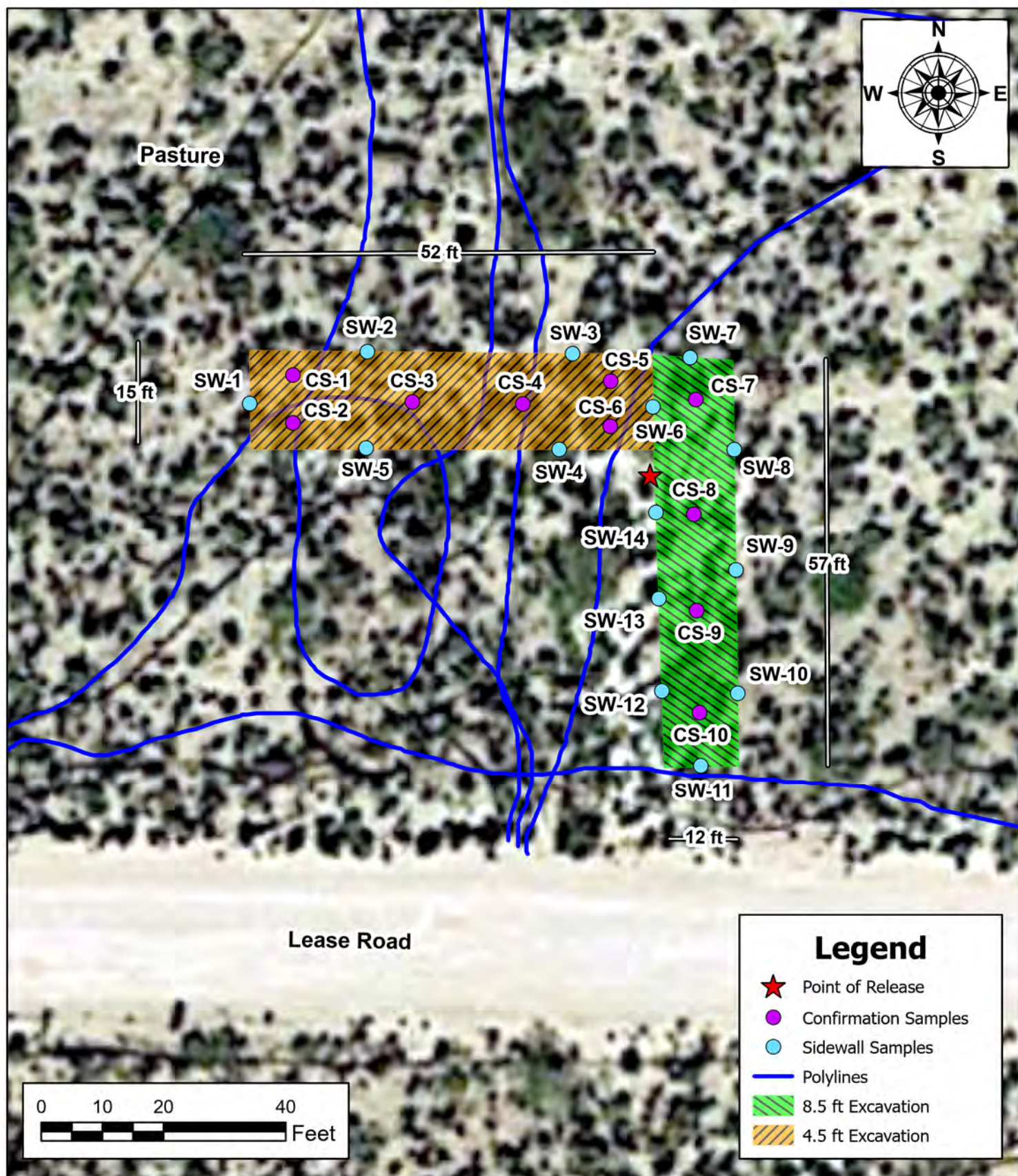
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP
COG OPERATING
 DIRTY DOZEN FED COM 3 (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.618450, -103.817039

SCALE: As Shown

Date: 2/28/2022

CARMONA RESOURCES

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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Dirty Dozen Federal Com 3 (01.14.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/7/2022	0-1	7,050	13,100	3,240	23,400	24	382	78.6	290	774	8.77
	"	1-1.5	8,310	13,300	3,160	24,800	26.2	47.9	2.98	107	184	12.4
	"	2-2.5	7,770	12,700	2,920	23,400	28.6	387	201	342	959	7.82
	"	3-3.5	7,610	12,000	2,740	22,400	<0.00202	0.00597	0.00322	0.00873	0.0179	17.9
	"	4-4.5	55.5	321	74.5	451	<0.00199	0.00482	0.0256	0.0738	0.104	9.68
	"	5-5.5	<49.9	280	125	405	<0.00198	0.00934	0.0104	0.0297	0.0494	18.2
	"	6-6.5	<50.0	60.7	76.4	137	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.99
	"	7-7.5	<50.0	125	59	184	<0.00200	0.0101	0.00399	0.00641	0.0205	<5.00
	"	8-8.5	<49.9	85.8	<49.9	85.8	5.90	6.65	4.17	25.6	42.4	<4.99
S-2	2/7/2022	0-1	7,240	11,600	2,830	21,700	106	378	130	222	836	3,990
	"	1-1.5	6,970	10,900	2,300	20,200	72.3	342	133	234	782	3,060
	"	2-2.5	4,360	7,190	1,520	13,100	25.1	365	115	210	715	7,280
	"	3-3.5	3,680	7,040	1,490	12,200	3.47	198	62	107	370	7,040
	"	4-4.5	3,380	5,290	1,040	9,710	16.8	378	133	106	634	9,590
	"	5-5.5	576	1,380	286	2,240	0.232	10.5	9.18	14.4	34.3	11,000
	"	6-6.5	109	365	81.6	556	0.154	1.30	1.20	1.97	4.63	11,700
	"	7-7.5	<50.0	<50.0	<50.0	<50.0	0.144	0.400	0.237	<0.198	0.922	10,400
	"	8-8.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.5
S-3	2/7/2022	0-1	12,800	18,100	4,360	35,300	31.2	105	78.6	111	326	11.1
	"	1-1.5	12,100	14,900	3,190	30,200	26.6	64.5	314	104	510	229
	"	2-2.5	82.3	569	<50.0	651	0.221	1.66	2.81	5.95	10.6	3,020
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5,140
	"	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	445
	"	5-5.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	33.1
	"	6-6.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	48.3
H-1	2/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01
H-2	2/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.99
H-3	2/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5.21
H-4	2/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	10.4
H-5	2/7/2022	0-0.5	<49.9	75.9	<49.9	75.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	16.8
H-6	2/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

 Removed

Table 2
COG
Dirty Dozen Federal Com 3 (01.14.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
CS-1 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-2 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-3 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-4 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-5 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-6 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-7 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-8 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-9 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-10 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-1 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-2 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-3 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-4 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-5 (4.5')	2/25/2022	(4.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-6 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-7 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
SW-8 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-9 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
SW-10 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-11 (8.5')	2/25/2022	(8.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
SW-12 (8.5')	2/25/2022	(8.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.03	
SW-13 (8.5')	2/25/2022	(8.5')	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.98	
SW-14 (8.5')	2/25/2022	(8.5')	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95	
Regulatory Criteria ^							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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Dirty Dozen Federal Com 003H
(01.14.22)

County: Eddy County, New Mexico

Description:

View Northwest of the spill area.



Photograph No. 2

Facility: Dirty Dozen Federal Com 003H
(01.14.22)

County: Eddy County, New Mexico

Description:

View West of the spill area.



Photograph No. 3

Facility: Dirty Dozen Federal Com 003H
(01.14.22)

County: Eddy County, New Mexico

Description:

View West, of remediation activities.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Dirty Dozen Federal Com 003H
(01.14.22)

County: Eddy County, New Mexico

Description:

View Northwest of the spill area.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2202752480
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jacqui Harris	Contact Telephone	(575) 496-0780
Contact email	Jacqui.Harris@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2202752480
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.618333 Longitude -103.816944
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Dirty Dozen Federal Com 003H	Site Type	Flowline
Date Release Discovered	January 14, 2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
H	36	19S	31E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 8	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a produced water flowline rupture.
The release was in the pasture. A vacuum truck was dispatched to remove all freestanding fluids.
Concho will evaluate the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

Incident ID	NAPP2202752480
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name	Brittany N. Esparza
Signature: 	Title: Environmental Technician
email: Brittany.Esparza@ConocoPhillips.com	Date: 1/27/2022
	Telephone: (432) 221-0398
<u>OCD Only</u>	
Received by: _____	Date: _____

L48 Spill Volume Estimate Form												
Facility Name & Number:			Dirty Dozen Fed #3H									
Asset Area:			NDBW									
Release Discovery Date & Time:			1/14/2022 2:00PM									
Release Type:			Oil Mixture									
Provide any known details about the event: Poly line connections erosion												
Spill Calculation - On Pad Surface Pool Spill												
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	20.0	10.0	4.00	2	200.000	0.167	5.933	0.008	5.983		0.000	5.983
Rectangle B	11.0	13.0	2.00	2	143.000	0.083	2.121	0.004	2.130		0.000	2.130
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Total Volume Release:									8.113		0.000	8.113

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacques Morris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Jaques Novio Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

Received by OCD: 4/5/2022 1:09:47 PM

COG Dirty Dozen Fed Com 3H (01.14.22) 48 HR Sampling Notification



Mike Carmona <Mcarmona@carmonaresources.com>

To: OCD.Enviro@state.nm.us

Cc: Harris, Jacqui; Conner Moehring

Reply

Reply All

Forward

Wed 2/23/2022 11:51 AM

Good morning,

On behalf of COG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on 02/25/2022 at 10:50a.m Mountain Time. Please let me know if you have any questions.

COG Dirty Dozen Fed Com 3H (01.14.22)
Incident ID NAPP2202752480
Sec 36 T19S R31E
32.618538 -103.817083
Eddy County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com

APPENDIX D

CARMONA RESOURCES



Nearest water well

Dirty Dozen Fed Com 3 (01.14.22)

Legend

- 0.46 Miles
- 0.50 Mile Radius
- 2.21 Miles
- 2.34 Miles
- Dirty Dozen Fed Com 3 (01.14.22)
- NMSEO Water Well
- USGS Water Well

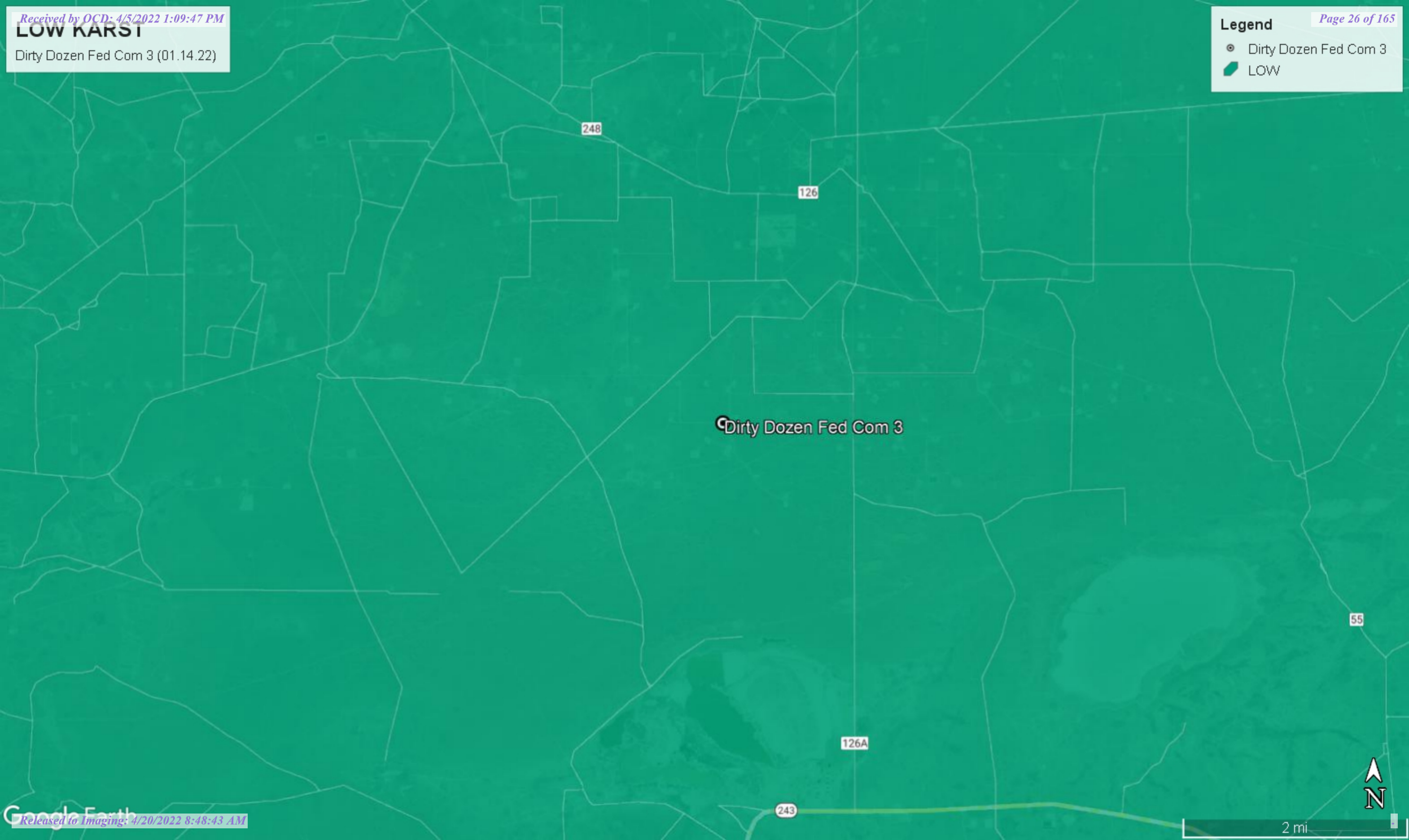


LOW KARST

Dirty Dozen Fed Com 3 (01.14.22)

Legend

- Dirty Dozen Fed Com 3
- LOW





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00641 POD1		CP	ED	4	1	36	19S	31E		610247	3609634*	300	130	170
CP 00642 POD1		CP	ED	2	2	25	19S	31E		611025	3611657*	250		
CP 00722 POD1		CP	LE	4	3	3	28	19S	31E	605106	3610273*	200		
CP 00722 POD1	R	CP	LE	4	3	3	28	19S	31E	605106	3610273*	200		
CP 00722 POD3		CP	LE	2	4	1	33	19S	31E	605519	3609673*	220	140	80
CP 00723 POD1		CP	ED	2	1	1	33	19S	31E	605111	3610071*	139		
CP 00725 POD1		CP	ED	1	3	3	28	19S	31E	604906	3610473*	231		
CP 00829 POD1		CP	LE	2	4	16	19S	31E		606165	3614009*	120		
CP 00873 POD1		CP	LE	1	1	19	19S	31E		601772	3613147*	340	180	160
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	400		
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	400		
CP 01864 POD1		CP	ED	4	2	1	34	19S	31E	607068	3609824	110		

Average Depth to Water: **150 feet**

Minimum Depth: **130 feet**

Maximum Depth: **180 feet**

Record Count: 12

PLSS Search:

Township: 19S

Range: 31E

*UTM location was derived from PLSS - see Help

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

2/4/22 3:27 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)				X	Y		
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
	CP 00641 POD1	4	1	36	19S	31E	610247	3609634*	
Driller License: 882		Driller Company:		LARRY'S DRILLING & PUMP CO.					
Driller Name:		FELKINS, LARRY							
Drill Start Date: 02/11/1982		Drill Finish Date:		02/12/1982		Plug Date:			
Log File Date: 02/23/1982		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		300 feet		Depth Water:		130 feet	

*UTM location was derived from PLSS - see Help

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

2/5/22 3:04 PM

POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

Click to hide News 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 =

- 323803103510001

Minimum number of levels = 1

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

USGS 323803103510001 19S.31E.27.21000

Eddy County, New Mexico

Latitude 32°38'03", Longitude 103°51'00" NAD27

Land-surface elevation 3,503 feet above NAVD88

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1966-05-12			D	62610	3331.44	NGVD29	3		Z	
1966-05-12			D	62611	3333.00	NAVD88	3		Z	
1966-05-12			D	72019	170.00		3		Z	
1968-04-03			D	62610	3358.81	NGVD29	1		Z	
1968-04-03			D	62611	3360.37	NAVD88	1		Z	
1968-04-03			D	72019	142.63		1		Z	
1971-02-01			D	62610	3358.73	NGVD29	1		Z	
1971-02-01			D	62611	3360.29	NAVD88	1		Z	
1971-02-01			D	72019	142.71		1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

2/5/22, 4:14 PM

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-02-05 17:14:18 EST

0.27 0.24 nadww01



USGS Home
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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
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 =

- 323807103510601

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

USGS 323807103510601 19S.31E.27.214132

Eddy County, New Mexico
Latitude 32°38'07", Longitude 103°51'06" NAD27
Land-surface elevation 3,500 feet above NAVD88
The depth of the well is 177 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1983-01-19		D	62610		3361.91	NGVD29	1		Z	
1983-01-19		D	62611		3363.47	NAVD88	1		Z	
1983-01-19		D	72019	136.53			1		Z	
1988-02-23		D	62610		3356.92	NGVD29	1		Z	
1988-02-23		D	62611		3358.48	NAVD88	1		Z	
1988-02-23		D	72019	141.52			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

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	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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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

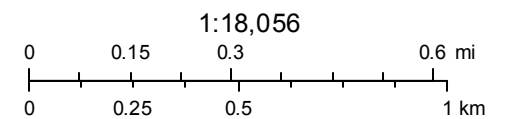


Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-02-05 17:17:49 EST
0.27 0.24 nadww01

New Mexico NFHL Data



February 4, 2022



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

APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10994-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

For:

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

Attn: Conner Moehring

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

Authorized for release by:
2/14/2022 2:47:46 PM

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

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www.eurofinsus.com/Env

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

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

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Laboratory Job ID: 880-10994-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Job ID: 880-10994-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10994-1

Receipt

The samples were received on 2/8/2022 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C

GC VOA

Method 8021B: The following sample was diluted due to the nature of the sample matrix: S-3 (2-2.5') (880-10994-21) at 50.0. Elevated reporting limits (RLs) are provided.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: S-1 (0-1') (880-10994-1), S-1 (1-1.5') (880-10994-2), S-1 (2-2.5') (880-10994-3), S-1 (8-8.5') (880-10994-9), S-2 (0-1') (880-10994-10), S-2 (1-1.5') (880-10994-11), S-2 (2-2.5') (880-10994-12), S-2 (3-3.5') (880-10994-13), S-2 (4-4.5') (880-10994-14), S-2 (5-5.5') (880-10994-15), S-2 (6-6.5') (880-10994-16), S-2 (7-7.5') (880-10994-17), S-3 (0-1') (880-10994-19) and S-3 (1-1.5') (880-10994-20) at 100.0, 100.0, 100.0, 50.0, 100.0, 100.0, 100.0, 50.0, 100.0, 50.0, 50.0, 100.0 and 100.0. Elevated reporting limits (RLs) are provided.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18816 and analytical batch 880-18880 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: S-1 (0-1') (880-10994-1), S-1 (1-1.5') (880-10994-2), S-1 (2-2.5') (880-10994-3), S-2 (0-1') (880-10994-10), S-2 (1-1.5') (880-10994-11), S-2 (2-2.5') (880-10994-12), S-2 (4-4.5') (880-10994-14), S-3 (0-1') (880-10994-19) and S-3 (1-1.5') (880-10994-20) at 1000.0, 1000.0, 1000.0, 1000.0, 1000.0, 1000.0, 1000.0, 1000.0 and 1000.0. Elevated reporting limits (RLs) are provided.

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: S-1 (0-1') (880-10994-1), S-1 (1-1.5') (880-10994-2), S-1 (2-2.5') (880-10994-3), S-1 (3-3.5') (880-10994-4), S-2 (0-1') (880-10994-10), S-2 (1-1.5') (880-10994-11), S-3 (0-1') (880-10994-19) and S-3 (1-1.5') (880-10994-20). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-10994-A-21-F MS) and (880-10994-A-21-G MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18837 and analytical batch 880-18944 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike (MS) recoveries for preparation batch 880-18836 and analytical batch 880-19076 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The associated samples are: S-1 (0-1') (880-10994-1), S-1 (1-1.5') (880-10994-2), S-1 (2-2.5') (880-10994-3), S-1 (3-3.5') (880-10994-4), S-1 (4-4.5') (880-10994-5), S-1 (5-5.5') (880-10994-6) and S-1 (6-6.5') (880-10994-7).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-1

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	24.0		0.202		mg/Kg		02/08/22 12:30	02/10/22 00:55	100
Toluene	382		2.00		mg/Kg		02/10/22 08:12	02/10/22 16:57	1000
Ethylbenzene	78.6		2.00		mg/Kg		02/10/22 08:12	02/10/22 16:57	1000
m-Xylene & p-Xylene	201		4.01		mg/Kg		02/10/22 08:12	02/10/22 16:57	1000
o-Xylene	88.7		2.00		mg/Kg		02/10/22 08:12	02/10/22 16:57	1000
Xylenes, Total	290		4.01		mg/Kg		02/10/22 08:12	02/10/22 16:57	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	377	S1+	70 - 130	02/08/22 12:30	02/10/22 00:55	100
1,4-Difluorobenzene (Surr)	124		70 - 130	02/08/22 12:30	02/10/22 00:55	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	774		4.01		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23400		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7050		250		mg/Kg		02/08/22 11:02	02/09/22 01:19	5
Diesel Range Organics (Over C10-C28)	13100		250		mg/Kg		02/08/22 11:02	02/09/22 01:19	5
Oil Range Organics (Over C28-C36)	3240		250		mg/Kg		02/08/22 11:02	02/09/22 01:19	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	02/08/22 11:02	02/09/22 01:19	5
o-Terphenyl	94		70 - 130	02/08/22 11:02	02/09/22 01:19	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.77		4.97		mg/Kg			02/11/22 01:52	1

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

Lab Sample ID: 880-10994-2

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26.2		0.200		mg/Kg		02/08/22 12:30	02/10/22 01:15	100
Toluene	47.9		2.01		mg/Kg		02/10/22 08:12	02/10/22 18:46	1000
Ethylbenzene	2.98		2.01		mg/Kg		02/10/22 08:12	02/10/22 18:46	1000
m-Xylene & p-Xylene	17.3		4.02		mg/Kg		02/10/22 08:12	02/10/22 18:46	1000
o-Xylene	89.2		2.01		mg/Kg		02/10/22 08:12	02/10/22 18:46	1000
Xylenes, Total	107		4.02		mg/Kg		02/10/22 08:12	02/10/22 18:46	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130	02/08/22 12:30	02/10/22 01:15	100
1,4-Difluorobenzene (Surr)	137	S1+	70 - 130	02/08/22 12:30	02/10/22 01:15	100

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-2

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	184		4.02		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24800		249		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8310		249		mg/Kg		02/08/22 11:02	02/09/22 01:39	5
Diesel Range Organics (Over C10-C28)	13300		249		mg/Kg		02/08/22 11:02	02/09/22 01:39	5
Oil Range Organics (Over C28-C36)	3160		249		mg/Kg		02/08/22 11:02	02/09/22 01:39	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				02/08/22 11:02	02/09/22 01:39	5
o-Terphenyl	98		70 - 130				02/08/22 11:02	02/09/22 01:39	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		4.95		mg/Kg			02/11/22 02:01	1

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

Lab Sample ID: 880-10994-3

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	28.6		0.201		mg/Kg		02/08/22 12:30	02/10/22 01:36	100
Toluene	387		1.99		mg/Kg		02/10/22 08:12	02/10/22 19:07	1000
Ethylbenzene	201		1.99		mg/Kg		02/10/22 08:12	02/10/22 19:07	1000
m-Xylene & p-Xylene	236		3.98		mg/Kg		02/10/22 08:12	02/10/22 19:07	1000
o-Xylene	106		1.99		mg/Kg		02/10/22 08:12	02/10/22 19:07	1000
Xylenes, Total	342		3.98		mg/Kg		02/10/22 08:12	02/10/22 19:07	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	305	S1+	70 - 130				02/08/22 12:30	02/10/22 01:36	100
1,4-Difluorobenzene (Surr)	102		70 - 130				02/08/22 12:30	02/10/22 01:36	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	959		3.98		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23400		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7770		250		mg/Kg		02/08/22 11:02	02/09/22 01:59	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-3

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	12700		250		mg/Kg		02/08/22 11:02	02/09/22 01:59	5
Oil Range Organics (Over C28-C36)	2920		250		mg/Kg		02/08/22 11:02	02/09/22 01:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				02/08/22 11:02	02/09/22 01:59	5
o-Terphenyl	96		70 - 130				02/08/22 11:02	02/09/22 01:59	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.82		5.02		mg/Kg			02/11/22 02:28	1

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-10994-4

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/08/22 12:30	02/09/22 22:52	1
Toluene	0.00597	F1	0.00202		mg/Kg		02/08/22 12:30	02/09/22 22:52	1
Ethylbenzene	0.00322	F1	0.00202		mg/Kg		02/08/22 12:30	02/09/22 22:52	1
m-Xylene & p-Xylene	0.00569	F1	0.00403		mg/Kg		02/08/22 12:30	02/09/22 22:52	1
o-Xylene	0.00304		0.00202		mg/Kg		02/08/22 12:30	02/09/22 22:52	1
Xylenes, Total	0.00873	F1	0.00403		mg/Kg		02/08/22 12:30	02/09/22 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/08/22 12:30	02/09/22 22:52	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/08/22 12:30	02/09/22 22:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0179		0.00403		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22400		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7610		250		mg/Kg		02/08/22 11:02	02/09/22 02:19	5
Diesel Range Organics (Over C10-C28)	12000		250		mg/Kg		02/08/22 11:02	02/09/22 02:19	5
Oil Range Organics (Over C28-C36)	2740		250		mg/Kg		02/08/22 11:02	02/09/22 02:19	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	154	S1+	70 - 130				02/08/22 11:02	02/09/22 02:19	5
o-Terphenyl	123		70 - 130				02/08/22 11:02	02/09/22 02:19	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-10994-4

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9		4.98		mg/Kg			02/11/22 02:36	1

Client Sample ID: S-1 (4-4.5')

Lab Sample ID: 880-10994-5

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/08/22 12:30	02/09/22 23:13	1
Toluene	0.00482		0.00199		mg/Kg		02/08/22 12:30	02/09/22 23:13	1
Ethylbenzene	0.0256		0.00199		mg/Kg		02/08/22 12:30	02/09/22 23:13	1
m-Xylene & p-Xylene	0.0437		0.00398		mg/Kg		02/08/22 12:30	02/09/22 23:13	1
o-Xylene	0.0301		0.00199		mg/Kg		02/08/22 12:30	02/09/22 23:13	1
Xylenes, Total	0.0738		0.00398		mg/Kg		02/08/22 12:30	02/09/22 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	02/08/22 12:30	02/09/22 23:13	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/08/22 12:30	02/09/22 23:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.104		0.00398		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	451		49.9		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	55.5		49.9		mg/Kg		02/08/22 11:02	02/09/22 00:19	1
Diesel Range Organics (Over C10-C28)	321		49.9		mg/Kg		02/08/22 11:02	02/09/22 00:19	1
Oil Range Organics (Over C28-C36)	74.5		49.9		mg/Kg		02/08/22 11:02	02/09/22 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	02/08/22 11:02	02/09/22 00:19	1
o-Terphenyl	117		70 - 130	02/08/22 11:02	02/09/22 00:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.68		4.95		mg/Kg			02/11/22 02:45	1

Client Sample ID: S-1 (5-5.5')

Lab Sample ID: 880-10994-6

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/08/22 12:30	02/09/22 23:33	1
Toluene	0.00934		0.00198		mg/Kg		02/08/22 12:30	02/09/22 23:33	1
Ethylbenzene	0.0104		0.00198		mg/Kg		02/08/22 12:30	02/09/22 23:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (5-5.5')

Lab Sample ID: 880-10994-6

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.0175		0.00396		mg/Kg		02/08/22 12:30	02/09/22 23:33	1
o-Xylene	0.0122		0.00198		mg/Kg		02/08/22 12:30	02/09/22 23:33	1
Xylenes, Total	0.0297		0.00396		mg/Kg		02/08/22 12:30	02/09/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/08/22 12:30	02/09/22 23:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/08/22 12:30	02/09/22 23:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0494		0.00396		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	405		49.9		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 11:02	02/09/22 02:39	1
Diesel Range Organics (Over C10-C28)	280		49.9		mg/Kg		02/08/22 11:02	02/09/22 02:39	1
Oil Range Organics (Over C28-C36)	125		49.9		mg/Kg		02/08/22 11:02	02/09/22 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				02/08/22 11:02	02/09/22 02:39	1
o-Terphenyl	102		70 - 130				02/08/22 11:02	02/09/22 02:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.2		5.00		mg/Kg			02/11/22 02:54	1

Client Sample ID: S-1 (6-6.5')

Lab Sample ID: 880-10994-7

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 23:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 23:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 23:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/08/22 12:30	02/09/22 23:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 23:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/08/22 12:30	02/09/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/08/22 12:30	02/09/22 23:54	1
1,4-Difluorobenzene (Surr)	120		70 - 130				02/08/22 12:30	02/09/22 23:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/10/22 09:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (6-6.5')

Lab Sample ID: 880-10994-7

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	137		50.0		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/09/22 02:59	1
Diesel Range Organics (Over C10-C28)	60.7		50.0		mg/Kg		02/08/22 11:02	02/09/22 02:59	1
Oil Range Organics (Over C28-C36)	76.4		50.0		mg/Kg		02/08/22 11:02	02/09/22 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/08/22 11:02	02/09/22 02:59	1
o-Terphenyl	114		70 - 130				02/08/22 11:02	02/09/22 02:59	1

Method: 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			02/11/22 03:03	1

Client Sample ID: S-1 (7-7.5')

Lab Sample ID: 880-10994-8

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/10/22 00:14	1
Toluene	0.0101		0.00200		mg/Kg		02/08/22 12:30	02/10/22 00:14	1
Ethylbenzene	0.00399		0.00200		mg/Kg		02/08/22 12:30	02/10/22 00:14	1
m-Xylene & p-Xylene	0.00408		0.00400		mg/Kg		02/08/22 12:30	02/10/22 00:14	1
o-Xylene	0.00233		0.00200		mg/Kg		02/08/22 12:30	02/10/22 00:14	1
Xylenes, Total	0.00641		0.00400		mg/Kg		02/08/22 12:30	02/10/22 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/08/22 12:30	02/10/22 00:14	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/08/22 12:30	02/10/22 00:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0205		0.00400		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	184		50.0		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/09/22 03:19	1
Diesel Range Organics (Over C10-C28)	125		50.0		mg/Kg		02/08/22 11:02	02/09/22 03:19	1
Oil Range Organics (Over C28-C36)	59.0		50.0		mg/Kg		02/08/22 11:02	02/09/22 03:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (7-7.5')

Lab Sample ID: 880-10994-8

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	02/08/22 11:02	02/09/22 03:19	1
o-Terphenyl	103		70 - 130	02/08/22 11:02	02/09/22 03:19	1

Method: 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			02/11/22 03:12	1

Client Sample ID: S-1 (8-8.5')

Lab Sample ID: 880-10994-9

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.90		0.101		mg/Kg		02/08/22 12:30	02/10/22 01:56	500
Toluene	6.65		1.01		mg/Kg		02/10/22 08:12	02/10/22 19:27	500
Ethylbenzene	4.17		1.01		mg/Kg		02/10/22 08:12	02/10/22 19:27	500
m-Xylene & p-Xylene	9.04		2.01		mg/Kg		02/10/22 08:12	02/10/22 19:27	500
o-Xylene	16.6		1.01		mg/Kg		02/10/22 08:12	02/10/22 19:27	500
Xylenes, Total	25.6		2.01		mg/Kg		02/10/22 08:12	02/10/22 19:27	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	448	S1+	70 - 130				02/08/22 12:30	02/10/22 01:56	500
1,4-Difluorobenzene (Surr)	149	S1+	70 - 130				02/08/22 12:30	02/10/22 01:56	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	42.4		2.01		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	85.8		49.9		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 11:02	02/09/22 03:39	1
Diesel Range Organics (Over C10-C28)	85.8		49.9		mg/Kg		02/08/22 11:02	02/09/22 03:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 11:02	02/09/22 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				02/08/22 11:02	02/09/22 03:39	1
o-Terphenyl	96		70 - 130				02/08/22 11:02	02/09/22 03:39	1

Method: 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			02/11/22 03:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-10

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	106		2.00		mg/Kg		02/10/22 08:12	02/10/22 19:48	1000
Toluene	378		2.00		mg/Kg		02/10/22 08:12	02/10/22 19:48	1000
Ethylbenzene	130		2.00		mg/Kg		02/10/22 08:12	02/10/22 19:48	1000
m-Xylene & p-Xylene	161		4.00		mg/Kg		02/10/22 08:12	02/10/22 19:48	1000
o-Xylene	60.5		2.00		mg/Kg		02/10/22 08:12	02/10/22 19:48	1000
Xylenes, Total	222		4.00		mg/Kg		02/10/22 08:12	02/10/22 19:48	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	322	S1+	70 - 130	02/08/22 12:30	02/10/22 03:18	100
1,4-Difluorobenzene (Surr)	140	S1+	70 - 130	02/08/22 12:30	02/10/22 03:18	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	836		4.00		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21700		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7240		250		mg/Kg		02/08/22 11:02	02/09/22 04:00	5
Diesel Range Organics (Over C10-C28)	11600		250		mg/Kg		02/08/22 11:02	02/09/22 04:00	5
Oil Range Organics (Over C28-C36)	2830		250		mg/Kg		02/08/22 11:02	02/09/22 04:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	02/08/22 11:02	02/09/22 04:00	5
o-Terphenyl	103		70 - 130	02/08/22 11:02	02/09/22 04:00	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3990		24.8		mg/Kg			02/11/22 03:47	5

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

Lab Sample ID: 880-10994-11

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	72.3		2.00		mg/Kg		02/10/22 08:12	02/10/22 20:08	1000
Toluene	342		2.00		mg/Kg		02/10/22 08:12	02/10/22 20:08	1000
Ethylbenzene	133		2.00		mg/Kg		02/10/22 08:12	02/10/22 20:08	1000
m-Xylene & p-Xylene	166		3.99		mg/Kg		02/10/22 08:12	02/10/22 20:08	1000
o-Xylene	68.2		2.00		mg/Kg		02/10/22 08:12	02/10/22 20:08	1000
Xylenes, Total	234		3.99		mg/Kg		02/10/22 08:12	02/10/22 20:08	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	267	S1+	70 - 130	02/08/22 12:30	02/10/22 03:38	100
1,4-Difluorobenzene (Surr)	129		70 - 130	02/08/22 12:30	02/10/22 03:38	100

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-11

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	782		3.99		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20200		249		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	6970		249		mg/Kg		02/08/22 11:02	02/09/22 04:40	5
Diesel Range Organics (Over C10-C28)	10900		249		mg/Kg		02/08/22 11:02	02/09/22 04:40	5
Oil Range Organics (Over C28-C36)	2300		249		mg/Kg		02/08/22 11:02	02/09/22 04:40	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				02/08/22 11:02	02/09/22 04:40	5
o-Terphenyl	101		70 - 130				02/08/22 11:02	02/09/22 04:40	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3060		25.1		mg/Kg			02/11/22 04:14	5

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

Lab Sample ID: 880-10994-12

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25.1		0.200		mg/Kg		02/08/22 12:30	02/10/22 03:59	100
Toluene	365		2.02		mg/Kg		02/10/22 08:12	02/10/22 20:28	1000
Ethylbenzene	115		2.02		mg/Kg		02/10/22 08:12	02/10/22 20:28	1000
m-Xylene & p-Xylene	147		4.04		mg/Kg		02/10/22 08:12	02/10/22 20:28	1000
o-Xylene	62.7		2.02		mg/Kg		02/10/22 08:12	02/10/22 20:28	1000
Xylenes, Total	210		4.04		mg/Kg		02/10/22 08:12	02/10/22 20:28	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	272	S1+	70 - 130				02/08/22 12:30	02/10/22 03:59	100
1,4-Difluorobenzene (Surr)	139	S1+	70 - 130				02/08/22 12:30	02/10/22 03:59	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	715		4.04		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13100		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4360		250		mg/Kg		02/08/22 11:02	02/09/22 05:00	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-12

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	7190		250		mg/Kg		02/08/22 11:02	02/09/22 05:00	5
Oil Range Organics (Over C28-C36)	1520		250		mg/Kg		02/08/22 11:02	02/09/22 05:00	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				02/08/22 11:02	02/09/22 05:00	5
o-Terphenyl	106		70 - 130				02/08/22 11:02	02/09/22 05:00	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7280		49.8		mg/Kg			02/11/22 04:23	10

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-10994-13

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.47		0.0998		mg/Kg		02/08/22 12:30	02/10/22 04:19	50
Toluene	198		1.00		mg/Kg		02/10/22 08:12	02/10/22 20:49	500
Ethylbenzene	62.0		1.00		mg/Kg		02/10/22 08:12	02/10/22 20:49	500
m-Xylene & p-Xylene	78.4		2.00		mg/Kg		02/10/22 08:12	02/10/22 20:49	500
o-Xylene	28.1		1.00		mg/Kg		02/10/22 08:12	02/10/22 20:49	500
Xylenes, Total	107		2.00		mg/Kg		02/10/22 08:12	02/10/22 20:49	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	277	S1+	70 - 130				02/08/22 12:30	02/10/22 04:19	50
1,4-Difluorobenzene (Surr)	130		70 - 130				02/08/22 12:30	02/10/22 04:19	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	370		2.00		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12200		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3680		250		mg/Kg		02/08/22 11:02	02/09/22 05:20	5
Diesel Range Organics (Over C10-C28)	7040		250		mg/Kg		02/08/22 11:02	02/09/22 05:20	5
Oil Range Organics (Over C28-C36)	1490		250		mg/Kg		02/08/22 11:02	02/09/22 05:20	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				02/08/22 11:02	02/09/22 05:20	5
o-Terphenyl	111		70 - 130				02/08/22 11:02	02/09/22 05:20	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-10994-13

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7040		49.5		mg/Kg			02/11/22 04:31	10

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-10994-14

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.8		0.202		mg/Kg		02/08/22 12:30	02/10/22 04:40	100
Toluene	378		2.02		mg/Kg		02/10/22 08:12	02/10/22 21:09	1000
Ethylbenzene	133		2.02		mg/Kg		02/10/22 08:12	02/10/22 21:09	1000
m-Xylene & p-Xylene	74.9		0.404		mg/Kg		02/08/22 12:30	02/10/22 04:40	100
o-Xylene	31.0		0.202		mg/Kg		02/08/22 12:30	02/10/22 04:40	100
Xylenes, Total	106		0.404		mg/Kg		02/08/22 12:30	02/10/22 04:40	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130	02/08/22 12:30	02/10/22 04:40	100
1,4-Difluorobenzene (Surr)	113		70 - 130	02/08/22 12:30	02/10/22 04:40	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	634		2.02		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9710		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3380		250		mg/Kg		02/08/22 11:02	02/09/22 05:41	5
Diesel Range Organics (Over C10-C28)	5290		250		mg/Kg		02/08/22 11:02	02/09/22 05:41	5
Oil Range Organics (Over C28-C36)	1040		250		mg/Kg		02/08/22 11:02	02/09/22 05:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	02/08/22 11:02	02/09/22 05:41	5
o-Terphenyl	98		70 - 130	02/08/22 11:02	02/09/22 05:41	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9590		50.4		mg/Kg			02/11/22 04:40	10

Client Sample ID: S-2 (5-5.5')

Lab Sample ID: 880-10994-15

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.232		0.0994		mg/Kg		02/08/22 12:30	02/10/22 05:00	50
Toluene	10.5		0.0994		mg/Kg		02/08/22 12:30	02/10/22 05:00	50
Ethylbenzene	9.18		0.0994		mg/Kg		02/08/22 12:30	02/10/22 05:00	50

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (5-5.5')

Lab Sample ID: 880-10994-15

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	10.3		0.199		mg/Kg		02/08/22 12:30	02/10/22 05:00	50
o-Xylene	4.08		0.0994		mg/Kg		02/08/22 12:30	02/10/22 05:00	50
Xylenes, Total	14.4		0.199		mg/Kg		02/08/22 12:30	02/10/22 05:00	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130				02/08/22 12:30	02/10/22 05:00	50
1,4-Difluorobenzene (Surr)	100		70 - 130				02/08/22 12:30	02/10/22 05:00	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	34.3		0.199		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2240		50.0		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	576		50.0		mg/Kg		02/08/22 11:02	02/09/22 06:02	1
Diesel Range Organics (Over C10-C28)	1380		50.0		mg/Kg		02/08/22 11:02	02/09/22 06:02	1
Oil Range Organics (Over C28-C36)	286		50.0		mg/Kg		02/08/22 11:02	02/09/22 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/08/22 11:02	02/09/22 06:02	1
o-Terphenyl	103		70 - 130				02/08/22 11:02	02/09/22 06:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11000		49.7		mg/Kg			02/11/22 04:49	10

Client Sample ID: S-2 (6-6.5')

Lab Sample ID: 880-10994-16

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.154		0.100		mg/Kg		02/08/22 12:30	02/10/22 05:20	50
Toluene	1.30		0.100		mg/Kg		02/08/22 12:30	02/10/22 05:20	50
Ethylbenzene	1.20		0.100		mg/Kg		02/08/22 12:30	02/10/22 05:20	50
m-Xylene & p-Xylene	1.39		0.200		mg/Kg		02/08/22 12:30	02/10/22 05:20	50
o-Xylene	0.583		0.100		mg/Kg		02/08/22 12:30	02/10/22 05:20	50
Xylenes, Total	1.97		0.200		mg/Kg		02/08/22 12:30	02/10/22 05:20	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				02/08/22 12:30	02/10/22 05:20	50
1,4-Difluorobenzene (Surr)	97		70 - 130				02/08/22 12:30	02/10/22 05:20	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	4.63		0.200		mg/Kg			02/10/22 09:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (6-6.5')

Lab Sample ID: 880-10994-16

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	556		49.9		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	109		49.9		mg/Kg		02/08/22 11:02	02/09/22 06:22	1
Diesel Range Organics (Over C10-C28)	365		49.9		mg/Kg		02/08/22 11:02	02/09/22 06:22	1
Oil Range Organics (Over C28-C36)	81.6		49.9		mg/Kg		02/08/22 11:02	02/09/22 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/08/22 11:02	02/09/22 06:22	1
o-Terphenyl	100		70 - 130				02/08/22 11:02	02/09/22 06:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11700		99.6		mg/Kg			02/11/22 04:58	20

Client Sample ID: S-2 (7-7.5')

Lab Sample ID: 880-10994-17

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.144		0.0992		mg/Kg		02/08/22 12:30	02/10/22 05:41	50
Toluene	0.400		0.0992		mg/Kg		02/08/22 12:30	02/10/22 05:41	50
Ethylbenzene	0.237		0.0992		mg/Kg		02/08/22 12:30	02/10/22 05:41	50
m-Xylene & p-Xylene	<0.198	U	0.198		mg/Kg		02/08/22 12:30	02/10/22 05:41	50
o-Xylene	0.141		0.0992		mg/Kg		02/08/22 12:30	02/10/22 05:41	50
Xylenes, Total	<0.198	U	0.198		mg/Kg		02/08/22 12:30	02/10/22 05:41	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/08/22 12:30	02/10/22 05:41	50
1,4-Difluorobenzene (Surr)	101		70 - 130				02/08/22 12:30	02/10/22 05:41	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.922		0.198		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/09/22 06:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/09/22 06:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/09/22 06:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (7-7.5')

Lab Sample ID: 880-10994-17

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	02/08/22 11:02	02/09/22 06:41	1
o-Terphenyl	111		70 - 130	02/08/22 11:02	02/09/22 06:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10400		49.9		mg/Kg			02/11/22 05:07	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: S-2 (8-8.5')

Lab Sample ID: 880-10994-18

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/08/22 12:30	02/10/22 00:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/08/22 12:30	02/10/22 00:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/08/22 12:30	02/10/22 00:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/08/22 12:30	02/10/22 00:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/08/22 12:30	02/10/22 00:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/08/22 12:30	02/10/22 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/08/22 12:30	02/10/22 00:35	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/08/22 12:30	02/10/22 00:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 11:02	02/09/22 07:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/08/22 11:02	02/09/22 07:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 11:02	02/09/22 07:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	02/08/22 11:02	02/09/22 07:03	1
o-Terphenyl	117		70 - 130	02/08/22 11:02	02/09/22 07:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5	F1	4.95		mg/Kg			02/10/22 11:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-19

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	31.2		0.199		mg/Kg		02/08/22 12:30	02/10/22 06:01	100
Toluene	105		2.02		mg/Kg		02/10/22 08:12	02/10/22 21:30	1000
Ethylbenzene	78.6		2.02		mg/Kg		02/10/22 08:12	02/10/22 21:30	1000
m-Xylene & p-Xylene	77.8		4.04		mg/Kg		02/10/22 08:12	02/10/22 21:30	1000
o-Xylene	32.9		2.02		mg/Kg		02/10/22 08:12	02/10/22 21:30	1000
Xylenes, Total	111		4.04		mg/Kg		02/10/22 08:12	02/10/22 21:30	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	199	S1+	70 - 130	02/08/22 12:30	02/10/22 06:01	100
1,4-Difluorobenzene (Surr)	146	S1+	70 - 130	02/08/22 12:30	02/10/22 06:01	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	326		4.04		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35300		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	12800		250		mg/Kg		02/08/22 11:02	02/09/22 07:24	5
Diesel Range Organics (Over C10-C28)	18100		250		mg/Kg		02/08/22 11:02	02/09/22 07:24	5
Oil Range Organics (Over C28-C36)	4360		250		mg/Kg		02/08/22 11:02	02/09/22 07:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	185	S1+	70 - 130	02/08/22 11:02	02/09/22 07:24	5
o-Terphenyl	112		70 - 130	02/08/22 11:02	02/09/22 07:24	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		5.00		mg/Kg			02/10/22 11:16	1

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

Lab Sample ID: 880-10994-20

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26.6		0.200		mg/Kg		02/08/22 12:30	02/10/22 06:22	100
Toluene	64.5		2.01		mg/Kg		02/10/22 08:12	02/10/22 21:50	1000
Ethylbenzene	314		2.01		mg/Kg		02/10/22 08:12	02/10/22 21:50	1000
m-Xylene & p-Xylene	76.0		4.02		mg/Kg		02/10/22 08:12	02/10/22 21:50	1000
o-Xylene	28.4		2.01		mg/Kg		02/10/22 08:12	02/10/22 21:50	1000
Xylenes, Total	104		4.02		mg/Kg		02/10/22 08:12	02/10/22 21:50	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	330	S1+	70 - 130	02/08/22 12:30	02/10/22 06:22	100
1,4-Difluorobenzene (Surr)	127		70 - 130	02/08/22 12:30	02/10/22 06:22	100

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-20

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	510		4.02		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30200		250		mg/Kg			02/09/22 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	12100		250		mg/Kg		02/08/22 11:02	02/09/22 07:46	5
Diesel Range Organics (Over C10-C28)	14900		250		mg/Kg		02/08/22 11:02	02/09/22 07:46	5
Oil Range Organics (Over C28-C36)	3190		250		mg/Kg		02/08/22 11:02	02/09/22 07:46	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	173	S1+	70 - 130				02/08/22 11:02	02/09/22 07:46	5
o-Terphenyl	113		70 - 130				02/08/22 11:02	02/09/22 07:46	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		4.99		mg/Kg			02/10/22 11:21	1

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

Lab Sample ID: 880-10994-21

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.221		0.100		mg/Kg		02/09/22 08:00	02/09/22 13:41	50
Toluene	1.66		0.100		mg/Kg		02/09/22 08:00	02/09/22 13:41	50
Ethylbenzene	2.81		0.100		mg/Kg		02/09/22 08:00	02/09/22 13:41	50
m-Xylene & p-Xylene	4.09		0.201		mg/Kg		02/09/22 08:00	02/09/22 13:41	50
o-Xylene	1.86		0.100		mg/Kg		02/09/22 08:00	02/09/22 13:41	50
Xylenes, Total	5.95		0.201		mg/Kg		02/09/22 08:00	02/09/22 13:41	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/09/22 08:00	02/09/22 13:41	50
1,4-Difluorobenzene (Surr)	93		70 - 130				02/09/22 08:00	02/09/22 13:41	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.6		0.201		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	651		50.0		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	82.3		50.0		mg/Kg		02/08/22 15:41	02/09/22 00:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-21

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	569	F1	50.0		mg/Kg		02/08/22 15:41	02/09/22 00:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				02/08/22 15:41	02/09/22 00:19	1
o-Terphenyl	86		70 - 130				02/08/22 15:41	02/09/22 00:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3020		24.9		mg/Kg			02/10/22 11:26	5

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

Lab Sample ID: 880-10994-22

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/09/22 08:00	02/09/22 14:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/09/22 08:00	02/09/22 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/09/22 08:00	02/09/22 14:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/09/22 08:00	02/09/22 14:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 01:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 01:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/08/22 15:41	02/09/22 01:19	1
o-Terphenyl	79		70 - 130				02/08/22 15:41	02/09/22 01:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5140		49.5		mg/Kg			02/10/22 11:31	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (4-4.5')

Lab Sample ID: 880-10994-23

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/09/22 08:00	02/09/22 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 14:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/09/22 08:00	02/09/22 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/09/22 08:00	02/09/22 14:22	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/09/22 08:00	02/09/22 14:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 01:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 01:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/08/22 15:41	02/09/22 01:39	1
o-Terphenyl	80		70 - 130	02/08/22 15:41	02/09/22 01:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	445		5.04		mg/Kg			02/10/22 13:31	1

Client Sample ID: S-3 (5-5.5')

Lab Sample ID: 880-10994-24

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/09/22 08:00	02/09/22 14:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/22 08:00	02/09/22 14:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/22 08:00	02/09/22 14:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/09/22 08:00	02/09/22 14:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/22 08:00	02/09/22 14:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/09/22 08:00	02/09/22 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	02/09/22 08:00	02/09/22 14:42	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/09/22 08:00	02/09/22 14:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (5-5.5')

Lab Sample ID: 880-10994-24

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 01:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 01:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/08/22 15:41	02/09/22 01:59	1
o-Terphenyl	79		70 - 130				02/08/22 15:41	02/09/22 01:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.1		4.97		mg/Kg			02/10/22 13:36	1

Client Sample ID: S-3 (6-6.5')

Lab Sample ID: 880-10994-25

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:00	02/09/22 15:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:00	02/09/22 15:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:00	02/09/22 15:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/22 08:00	02/09/22 15:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:00	02/09/22 15:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/22 08:00	02/09/22 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/09/22 08:00	02/09/22 15:03	1
1,4-Difluorobenzene (Surr)	111		70 - 130				02/09/22 08:00	02/09/22 15:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 11:06	02/09/22 04:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 11:06	02/09/22 04:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (6-6.5')

Lab Sample ID: 880-10994-25

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 11:06	02/09/22 04:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	02/08/22 11:06	02/09/22 04:22	1
o-Terphenyl	102		70 - 130	02/08/22 11:06	02/09/22 04:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.3		4.96		mg/Kg			02/10/22 13:40	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-10994-1	S-1 (0-1')	377 S1+	124
880-10994-2	S-1 (1-1.5')	178 S1+	137 S1+
880-10994-3	S-1 (2-2.5')	305 S1+	102
880-10994-4	S-1 (3-3.5')	101	103
880-10994-4 MS	S-1 (3-3.5')	99	92
880-10994-4 MSD	S-1 (3-3.5')	100	98
880-10994-5	S-1 (4-4.5')	137 S1+	89
880-10994-6	S-1 (5-5.5')	108	100
880-10994-7	S-1 (6-6.5')	116	120
880-10994-8	S-1 (7-7.5')	104	103
880-10994-9	S-1 (8-8.5')	448 S1+	149 S1+
880-10994-10	S-2 (0-1')	322 S1+	140 S1+
880-10994-11	S-2 (1-1.5')	267 S1+	129
880-10994-12	S-2 (2-2.5')	272 S1+	139 S1+
880-10994-13	S-2 (3-3.5')	277 S1+	130
880-10994-14	S-2 (4-4.5')	218 S1+	113
880-10994-15	S-2 (5-5.5')	161 S1+	100
880-10994-16	S-2 (6-6.5')	113	97
880-10994-17	S-2 (7-7.5')	114	101
880-10994-18	S-2 (8-8.5')	116	110
880-10994-19	S-3 (0-1')	199 S1+	146 S1+
880-10994-20	S-3 (1-1.5')	330 S1+	127
880-10994-21	S-3 (2-2.5')	122	93
880-10994-22	S-3 (3-3.5')	115	99
880-10994-23	S-3 (4-4.5')	109	112
880-10994-24	S-3 (5-5.5')	130	116
880-10994-25	S-3 (6-6.5')	111	111
890-1920-A-1-B MS	Matrix Spike	126	100
890-1920-A-1-C MSD	Matrix Spike Duplicate	120	89
LCS 880-18816/1-A	Lab Control Sample	93	100
LCS 880-18817/1-A	Lab Control Sample	99	108
LCS 880-18966/1-A	Lab Control Sample	124	89
LCSD 880-18816/2-A	Lab Control Sample Dup	95	102
LCSD 880-18817/2-A	Lab Control Sample Dup	92	104
LCSD 880-18966/2-A	Lab Control Sample Dup	125	99
MB 880-18816/5-A	Method Blank	99	112
MB 880-18817/5-A	Method Blank	97	99
MB 880-19012/8	Method Blank	138 S1+	94
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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-10991-A-1-B MS	Matrix Spike	83	88

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-10994-1

Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10991-A-1-C MSD	Matrix Spike Duplicate	83	92
880-10994-1	S-1 (0-1')	132 S1+	94
880-10994-2	S-1 (1-1.5')	141 S1+	98
880-10994-3	S-1 (2-2.5')	135 S1+	96
880-10994-4	S-1 (3-3.5')	154 S1+	123
880-10994-5	S-1 (4-4.5')	115	117
880-10994-5 MS	S-1 (4-4.5')	93	85
880-10994-5 MSD	S-1 (4-4.5')	94	86
880-10994-6	S-1 (5-5.5')	100	102
880-10994-7	S-1 (6-6.5')	111	114
880-10994-8	S-1 (7-7.5')	101	103
880-10994-9	S-1 (8-8.5')	95	96
880-10994-10	S-2 (0-1')	138 S1+	103
880-10994-11	S-2 (1-1.5')	140 S1+	101
880-10994-12	S-2 (2-2.5')	120	106
880-10994-13	S-2 (3-3.5')	123	111
880-10994-14	S-2 (4-4.5')	114	98
880-10994-15	S-2 (5-5.5')	108	103
880-10994-16	S-2 (6-6.5')	105	100
880-10994-17	S-2 (7-7.5')	112	111
880-10994-18	S-2 (8-8.5')	116	117
880-10994-19	S-3 (0-1')	185 S1+	112
880-10994-20	S-3 (1-1.5')	173 S1+	113
880-10994-21	S-3 (2-2.5')	84	86
880-10994-21 MS	S-3 (2-2.5')	76	68 S1-
880-10994-21 MSD	S-3 (2-2.5')	76	68 S1-
880-10994-22	S-3 (3-3.5')	73	79
880-10994-23	S-3 (4-4.5')	74	80
880-10994-24	S-3 (5-5.5')	73	79
880-10994-25	S-3 (6-6.5')	92	102
LCS 880-18811/2-A	Lab Control Sample	95	92
LCS 880-18846/2-A	Lab Control Sample	79	76
LCSD 880-18811/3-A	Lab Control Sample Dup	95	92
LCSD 880-18846/3-A	Lab Control Sample Dup	80	75
MB 880-18811/1-A	Method Blank	108	116
MB 880-18846/1-A	Method Blank	79	89

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-18812/2-A	Lab Control Sample	91	106
LCSD 880-18812/3-A	Lab Control Sample Dup	98	102
MB 880-18812/1-A	Method Blank	103	119

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Surrogate Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

1
2
3
4
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14

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18816/5-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 22:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 22:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/08/22 12:30	02/09/22 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/22 12:30	02/09/22 22:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/08/22 12:30	02/09/22 22:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/08/22 12:30	02/09/22 22:31	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/08/22 12:30	02/09/22 22:31	1

Lab Sample ID: LCS 880-18816/1-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09714		mg/Kg		97	70 - 130
Toluene	0.100	0.09458		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1860		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09488		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-18816/2-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18816

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1024		mg/Kg		102	70 - 130	5	35
Toluene	0.100	0.09960		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1927		mg/Kg		96	70 - 130	4	35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-10994-4 MS

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: S-1 (3-3.5')

Prep Type: Total/NA

Prep Batch: 18816

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.100	0.08466		mg/Kg		84	70 - 130
Toluene	0.00597	F1	0.100	0.08612		mg/Kg		80	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-4 MS

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: S-1 (3-3.5')

Prep Type: Total/NA

Prep Batch: 18816

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.00322	F1	0.100	0.08695		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.00569	F1	0.201	0.1554		mg/Kg		75	70 - 130
o-Xylene	0.00304		0.100	0.07912		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-10994-4 MSD

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: S-1 (3-3.5')

Prep Type: Total/NA

Prep Batch: 18816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.07137		mg/Kg		71	70 - 130	17	35
Toluene	0.00597	F1	0.100	0.07307	F1	mg/Kg		67	70 - 130	16	35
Ethylbenzene	0.00322	F1	0.100	0.07182	F1	mg/Kg		68	70 - 130	19	35
m-Xylene & p-Xylene	0.00569	F1	0.200	0.1345	F1	mg/Kg		64	70 - 130	14	35
o-Xylene	0.00304		0.100	0.07455		mg/Kg		71	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-18817/5-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18817

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 10:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 10:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 10:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/22 08:00	02/09/22 10:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:00	02/09/22 10:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/09/22 08:00	02/09/22 10:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/09/22 08:00	02/09/22 10:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/09/22 08:00	02/09/22 10:34	1

Lab Sample ID: LCS 880-18817/1-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09932		mg/Kg		99	70 - 130
Toluene	0.100	0.09427		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.1935		mg/Kg		97	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-18817/1-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-18817/2-A

Matrix: Solid

Analysis Batch: 18880

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18817

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09160		mg/Kg		92	70 - 130	8	35
Toluene	0.100	0.08864		mg/Kg		89	70 - 130	6	35
Ethylbenzene	0.100	0.09563		mg/Kg		96	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1828		mg/Kg		91	70 - 130	6	35
o-Xylene	0.100	0.09275		mg/Kg		93	70 - 130	8	35

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

Lab Sample ID: LCS 880-18966/1-A

Matrix: Solid

Analysis Batch: 19012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09242		mg/Kg		92	70 - 130
Toluene	0.100	0.1057		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2005		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09917		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-18966/2-A

Matrix: Solid

Analysis Batch: 19012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18966

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09061		mg/Kg		91	70 - 130	2	35
Toluene	0.100	0.09656		mg/Kg		97	70 - 130	9	35
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1956		mg/Kg		98	70 - 130	2	35
o-Xylene	0.100	0.09470		mg/Kg		95	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-18966/2-A

Matrix: Solid

Analysis Batch: 19012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18966

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-19012/8

Matrix: Solid

Analysis Batch: 19012

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			02/10/22 13:24	1
Toluene	<0.00200	U	0.00200		mg/Kg			02/10/22 13:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			02/10/22 13:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			02/10/22 13:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			02/10/22 13:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			02/10/22 13:24	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130					02/10/22 13:24	1
1,4-Difluorobenzene (Surr)	94		70 - 130					02/10/22 13:24	1

Lab Sample ID: 890-1920-A-1-B MS

Matrix: Solid

Analysis Batch: 19012

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-1920-A-1-C MSD

Matrix: Solid

Analysis Batch: 19012

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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

Lab Sample ID: MB 880-18811/1-A

Matrix: Solid

Analysis Batch: 18808

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18811

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/08/22 23:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/08/22 23:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 11:02	02/08/22 23:20	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-18811/1-A

Matrix: Solid

Analysis Batch: 18808

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18811

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	02/08/22 11:02	02/08/22 23:20	1
o-Terphenyl	116		70 - 130	02/08/22 11:02	02/08/22 23:20	1

Lab Sample ID: LCS 880-18811/2-A

Matrix: Solid

Analysis Batch: 18808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18811

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	935.1		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	835.3		mg/Kg		84	70 - 130		

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	95		70 - 130			
o-Terphenyl	92		70 - 130			

Lab Sample ID: LCSD 880-18811/3-A

Matrix: Solid

Analysis Batch: 18808

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18811

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	915.8		mg/Kg		92	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)			1000	827.3		mg/Kg		83	70 - 130	1	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	95		70 - 130			
o-Terphenyl	92		70 - 130			

Lab Sample ID: 880-10994-5 MS

Matrix: Solid

Analysis Batch: 18808

Client Sample ID: S-1 (4-4.5')

Prep Type: Total/NA

Prep Batch: 18811

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	55.5		1000	1109		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	321		1000	1391		mg/Kg		107	70 - 130		

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	93		70 - 130			
o-Terphenyl	85		70 - 130			

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-5 MSD

Matrix: Solid

Analysis Batch: 18808

Client Sample ID: S-1 (4-4.5')

Prep Type: Total/NA

Prep Batch: 18811

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	55.5		998	1096		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	321		998	1409		mg/Kg		109	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: MB 880-18812/1-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 11:06	02/08/22 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 11:06	02/08/22 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 11:06	02/08/22 19:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				02/08/22 11:06	02/08/22 19:47	1
o-Terphenyl	119		70 - 130				02/08/22 11:06	02/08/22 19:47	1

Lab Sample ID: LCS 880-18812/2-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	768.6		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1110		mg/Kg		111	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	91		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: LCSD 880-18812/3-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18812

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	784.7		mg/Kg		78	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1097		mg/Kg		110	70 - 130	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-18812/3-A

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18812

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 880-10991-A-1-B MS

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18812

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1093		mg/Kg		107	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1125		mg/Kg		113	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	83		70 - 130							
o-Terphenyl	88		70 - 130							

Lab Sample ID: 880-10991-A-1-C MSD

Matrix: Solid

Analysis Batch: 18805

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18812

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	989.9		mg/Kg		97	70 - 130	10	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1159		mg/Kg		116	70 - 130	3	20	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	83		70 - 130									
o-Terphenyl	92		70 - 130									

Lab Sample ID: MB 880-18846/1-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18846

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/08/22 23:20	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/08/22 23:20	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/08/22 23:20	1		
	MB	MB									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	79		70 - 130				02/08/22 15:41	02/08/22 23:20	1		
o-Terphenyl	89		70 - 130				02/08/22 15:41	02/08/22 23:20	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-18846/2-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18846

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	953.6		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	910.9		mg/Kg		91	70 - 130		

Lab Sample ID: LCSD 880-18846/3-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18846

			Spike	LCSD	LCSD				%Rec.			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	914.0		mg/Kg		91	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	917.5		mg/Kg		92	70 - 130	1	20	
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	80		70 - 130									
o-Terphenyl	75		70 - 130									

Lab Sample ID: 880-10994-21 MS

Matrix: Solid

Analysis Batch: 18806

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

Prep Type: Total/NA

Prep Batch: 18846

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	82.3		1000	949.8		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	569	F1	1000	996.8	F1	mg/Kg		43	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	76		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

Lab Sample ID: 880-10994-21 MSD

Matrix: Solid

Analysis Batch: 18806

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

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	82.3		998	937.1		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	569	F1	998	1001	F1	mg/Kg		43	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	76		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-21 MSD

Matrix: Solid

Analysis Batch: 18806

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

Prep Type: Total/NA

Prep Batch: 18846

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	68	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18837/1-A

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			02/10/22 10:47		1

Lab Sample ID: LCS 880-18837/2-A

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	247.2		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-18837/3-A

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	225.3		mg/Kg		90	90 - 110	9	20

Lab Sample ID: 880-10994-18 MS

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: S-2 (8-8.5')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	15.5	F1	248	225.8	F1	mg/Kg		85	90 - 110	

Lab Sample ID: 880-10994-18 MSD

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: S-2 (8-8.5')

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	15.5	F1	248	248.1		mg/Kg		94	90 - 110	9	20

Lab Sample ID: MB 880-18836/1-A

Matrix: Solid

Analysis Batch: 19076

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			02/11/22 00:41		1

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-18836/2-A

Matrix: Solid

Analysis Batch: 19076

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	259.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-18836/3-A

Matrix: Solid

Analysis Batch: 19076

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	259.1		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-10994-8 MS

Matrix: Solid

Analysis Batch: 19076

Client Sample ID: S-1 (7-7.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<5.00	U	250	277.2		mg/Kg		110	90 - 110

Lab Sample ID: 880-10994-8 MSD

Matrix: Solid

Analysis Batch: 19076

Client Sample ID: S-1 (7-7.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.00	U	250	277.0		mg/Kg		110	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
 SDG: Eddy Co, NM

GC VOA

Prep Batch: 18816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	5035	
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-10994-4	S-1 (3-3.5')	Total/NA	Solid	5035	
880-10994-5	S-1 (4-4.5')	Total/NA	Solid	5035	
880-10994-6	S-1 (5-5.5')	Total/NA	Solid	5035	
880-10994-7	S-1 (6-6.5')	Total/NA	Solid	5035	
880-10994-8	S-1 (7-7.5')	Total/NA	Solid	5035	
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	5035	
880-10994-10	S-2 (0-1')	Total/NA	Solid	5035	
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	5035	
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	5035	
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	5035	
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	5035	
880-10994-15	S-2 (5-5.5')	Total/NA	Solid	5035	
880-10994-16	S-2 (6-6.5')	Total/NA	Solid	5035	
880-10994-17	S-2 (7-7.5')	Total/NA	Solid	5035	
880-10994-18	S-2 (8-8.5')	Total/NA	Solid	5035	
880-10994-19	S-3 (0-1')	Total/NA	Solid	5035	
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	5035	
MB 880-18816/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18816/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18816/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10994-4 MS	S-1 (3-3.5')	Total/NA	Solid	5035	
880-10994-4 MSD	S-1 (3-3.5')	Total/NA	Solid	5035	

Prep Batch: 18817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-21	S-3 (2-2.5')	Total/NA	Solid	5035	
880-10994-22	S-3 (3-3.5')	Total/NA	Solid	5035	
880-10994-23	S-3 (4-4.5')	Total/NA	Solid	5035	
880-10994-24	S-3 (5-5.5')	Total/NA	Solid	5035	
880-10994-25	S-3 (6-6.5')	Total/NA	Solid	5035	
MB 880-18817/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18817/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18817/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 18880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	8021B	18816
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	8021B	18816
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	8021B	18816
880-10994-4	S-1 (3-3.5')	Total/NA	Solid	8021B	18816
880-10994-5	S-1 (4-4.5')	Total/NA	Solid	8021B	18816
880-10994-6	S-1 (5-5.5')	Total/NA	Solid	8021B	18816
880-10994-7	S-1 (6-6.5')	Total/NA	Solid	8021B	18816
880-10994-8	S-1 (7-7.5')	Total/NA	Solid	8021B	18816
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	8021B	18816
880-10994-10	S-2 (0-1')	Total/NA	Solid	8021B	18816
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	8021B	18816
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	8021B	18816

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
 SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 18880 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	8021B	18816
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	8021B	18816
880-10994-15	S-2 (5-5.5')	Total/NA	Solid	8021B	18816
880-10994-16	S-2 (6-6.5')	Total/NA	Solid	8021B	18816
880-10994-17	S-2 (7-7.5')	Total/NA	Solid	8021B	18816
880-10994-18	S-2 (8-8.5')	Total/NA	Solid	8021B	18816
880-10994-19	S-3 (0-1')	Total/NA	Solid	8021B	18816
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	8021B	18816
880-10994-21	S-3 (2-2.5')	Total/NA	Solid	8021B	18817
880-10994-22	S-3 (3-3.5')	Total/NA	Solid	8021B	18817
880-10994-23	S-3 (4-4.5')	Total/NA	Solid	8021B	18817
880-10994-24	S-3 (5-5.5')	Total/NA	Solid	8021B	18817
880-10994-25	S-3 (6-6.5')	Total/NA	Solid	8021B	18817
MB 880-18816/5-A	Method Blank	Total/NA	Solid	8021B	18816
MB 880-18817/5-A	Method Blank	Total/NA	Solid	8021B	18817
LCS 880-18816/1-A	Lab Control Sample	Total/NA	Solid	8021B	18816
LCS 880-18817/1-A	Lab Control Sample	Total/NA	Solid	8021B	18817
LCSD 880-18816/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18816
LCSD 880-18817/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18817
880-10994-4 MS	S-1 (3-3.5')	Total/NA	Solid	8021B	18816
880-10994-4 MSD	S-1 (3-3.5')	Total/NA	Solid	8021B	18816

Prep Batch: 18966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	5035	
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	5035	
880-10994-10	S-2 (0-1')	Total/NA	Solid	5035	
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	5035	
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	5035	
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	5035	
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	5035	
880-10994-19	S-3 (0-1')	Total/NA	Solid	5035	
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	5035	
LCS 880-18966/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18966/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 19012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	8021B	18966
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	8021B	18966
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	8021B	18966
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	8021B	18966
880-10994-10	S-2 (0-1')	Total/NA	Solid	8021B	18966
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	8021B	18966
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	8021B	18966
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	8021B	18966
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	8021B	18966
880-10994-19	S-3 (0-1')	Total/NA	Solid	8021B	18966
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	8021B	18966

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QC Association Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 19012 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-19012/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-18966/1-A	Lab Control Sample	Total/NA	Solid	8021B	18966
LCSD 880-18966/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18966
890-1920-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	
890-1920-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	

Analysis Batch: 19016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10994-4	S-1 (3-3.5')	Total/NA	Solid	Total BTEX	
880-10994-5	S-1 (4-4.5')	Total/NA	Solid	Total BTEX	
880-10994-6	S-1 (5-5.5')	Total/NA	Solid	Total BTEX	
880-10994-7	S-1 (6-6.5')	Total/NA	Solid	Total BTEX	
880-10994-8	S-1 (7-7.5')	Total/NA	Solid	Total BTEX	
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	Total BTEX	
880-10994-10	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	Total BTEX	
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	Total BTEX	
880-10994-15	S-2 (5-5.5')	Total/NA	Solid	Total BTEX	
880-10994-16	S-2 (6-6.5')	Total/NA	Solid	Total BTEX	
880-10994-17	S-2 (7-7.5')	Total/NA	Solid	Total BTEX	
880-10994-18	S-2 (8-8.5')	Total/NA	Solid	Total BTEX	
880-10994-19	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10994-21	S-3 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10994-22	S-3 (3-3.5')	Total/NA	Solid	Total BTEX	
880-10994-23	S-3 (4-4.5')	Total/NA	Solid	Total BTEX	
880-10994-24	S-3 (5-5.5')	Total/NA	Solid	Total BTEX	
880-10994-25	S-3 (6-6.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 18805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-25	S-3 (6-6.5')	Total/NA	Solid	8015B NM	18812
MB 880-18812/1-A	Method Blank	Total/NA	Solid	8015B NM	18812
LCS 880-18812/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18812
LCSD 880-18812/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18812
880-10991-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	18812
880-10991-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18812

Analysis Batch: 18806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-21	S-3 (2-2.5')	Total/NA	Solid	8015B NM	18846
880-10994-22	S-3 (3-3.5')	Total/NA	Solid	8015B NM	18846
880-10994-23	S-3 (4-4.5')	Total/NA	Solid	8015B NM	18846
880-10994-24	S-3 (5-5.5')	Total/NA	Solid	8015B NM	18846

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QC Association Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 18806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18846/1-A	Method Blank	Total/NA	Solid	8015B NM	18846
LCS 880-18846/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18846
LCSD 880-18846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18846
880-10994-21 MS	S-3 (2-2.5')	Total/NA	Solid	8015B NM	18846
880-10994-21 MSD	S-3 (2-2.5')	Total/NA	Solid	8015B NM	18846

Analysis Batch: 18808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	8015B NM	18811
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	18811
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	18811
880-10994-4	S-1 (3-3.5')	Total/NA	Solid	8015B NM	18811
880-10994-5	S-1 (4-4.5')	Total/NA	Solid	8015B NM	18811
880-10994-6	S-1 (5-5.5')	Total/NA	Solid	8015B NM	18811
880-10994-7	S-1 (6-6.5')	Total/NA	Solid	8015B NM	18811
880-10994-8	S-1 (7-7.5')	Total/NA	Solid	8015B NM	18811
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	8015B NM	18811
880-10994-10	S-2 (0-1')	Total/NA	Solid	8015B NM	18811
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	8015B NM	18811
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	8015B NM	18811
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	8015B NM	18811
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	8015B NM	18811
880-10994-15	S-2 (5-5.5')	Total/NA	Solid	8015B NM	18811
880-10994-16	S-2 (6-6.5')	Total/NA	Solid	8015B NM	18811
880-10994-17	S-2 (7-7.5')	Total/NA	Solid	8015B NM	18811
880-10994-18	S-2 (8-8.5')	Total/NA	Solid	8015B NM	18811
880-10994-19	S-3 (0-1')	Total/NA	Solid	8015B NM	18811
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	8015B NM	18811
MB 880-18811/1-A	Method Blank	Total/NA	Solid	8015B NM	18811
LCS 880-18811/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18811
LCSD 880-18811/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18811
880-10994-5 MS	S-1 (4-4.5')	Total/NA	Solid	8015B NM	18811
880-10994-5 MSD	S-1 (4-4.5')	Total/NA	Solid	8015B NM	18811

Prep Batch: 18811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10994-4	S-1 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-10994-5	S-1 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-10994-6	S-1 (5-5.5')	Total/NA	Solid	8015NM Prep	
880-10994-7	S-1 (6-6.5')	Total/NA	Solid	8015NM Prep	
880-10994-8	S-1 (7-7.5')	Total/NA	Solid	8015NM Prep	
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	8015NM Prep	
880-10994-10	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-10994-15	S-2 (5-5.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 18811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-16	S-2 (6-6.5')	Total/NA	Solid	8015NM Prep	
880-10994-17	S-2 (7-7.5')	Total/NA	Solid	8015NM Prep	
880-10994-18	S-2 (8-8.5')	Total/NA	Solid	8015NM Prep	
880-10994-19	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-18811/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18811/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18811/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10994-5 MS	S-1 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-10994-5 MSD	S-1 (4-4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 18812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-25	S-3 (6-6.5')	Total/NA	Solid	8015NM Prep	
MB 880-18812/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18812/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18812/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10991-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10991-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 18846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-21	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10994-22	S-3 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-10994-23	S-3 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-10994-24	S-3 (5-5.5')	Total/NA	Solid	8015NM Prep	
MB 880-18846/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18846/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10994-21 MS	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10994-21 MSD	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-10994-2	S-1 (1-1.5')	Total/NA	Solid	8015 NM	
880-10994-3	S-1 (2-2.5')	Total/NA	Solid	8015 NM	
880-10994-4	S-1 (3-3.5')	Total/NA	Solid	8015 NM	
880-10994-5	S-1 (4-4.5')	Total/NA	Solid	8015 NM	
880-10994-6	S-1 (5-5.5')	Total/NA	Solid	8015 NM	
880-10994-7	S-1 (6-6.5')	Total/NA	Solid	8015 NM	
880-10994-8	S-1 (7-7.5')	Total/NA	Solid	8015 NM	
880-10994-9	S-1 (8-8.5')	Total/NA	Solid	8015 NM	
880-10994-10	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-10994-11	S-2 (1-1.5')	Total/NA	Solid	8015 NM	
880-10994-12	S-2 (2-2.5')	Total/NA	Solid	8015 NM	
880-10994-13	S-2 (3-3.5')	Total/NA	Solid	8015 NM	
880-10994-14	S-2 (4-4.5')	Total/NA	Solid	8015 NM	
880-10994-15	S-2 (5-5.5')	Total/NA	Solid	8015 NM	
880-10994-16	S-2 (6-6.5')	Total/NA	Solid	8015 NM	
880-10994-17	S-2 (7-7.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 18892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-18	S-2 (8-8.5')	Total/NA	Solid	8015 NM	
880-10994-19	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-10994-20	S-3 (1-1.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 19008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-21	S-3 (2-2.5')	Total/NA	Solid	8015 NM	
880-10994-22	S-3 (3-3.5')	Total/NA	Solid	8015 NM	
880-10994-23	S-3 (4-4.5')	Total/NA	Solid	8015 NM	
880-10994-24	S-3 (5-5.5')	Total/NA	Solid	8015 NM	
880-10994-25	S-3 (6-6.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-10994-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-10994-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-10994-4	S-1 (3-3.5')	Soluble	Solid	DI Leach	
880-10994-5	S-1 (4-4.5')	Soluble	Solid	DI Leach	
880-10994-6	S-1 (5-5.5')	Soluble	Solid	DI Leach	
880-10994-7	S-1 (6-6.5')	Soluble	Solid	DI Leach	
880-10994-8	S-1 (7-7.5')	Soluble	Solid	DI Leach	
880-10994-9	S-1 (8-8.5')	Soluble	Solid	DI Leach	
880-10994-10	S-2 (0-1')	Soluble	Solid	DI Leach	
880-10994-11	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-10994-12	S-2 (2-2.5')	Soluble	Solid	DI Leach	
880-10994-13	S-2 (3-3.5')	Soluble	Solid	DI Leach	
880-10994-14	S-2 (4-4.5')	Soluble	Solid	DI Leach	
880-10994-15	S-2 (5-5.5')	Soluble	Solid	DI Leach	
880-10994-16	S-2 (6-6.5')	Soluble	Solid	DI Leach	
880-10994-17	S-2 (7-7.5')	Soluble	Solid	DI Leach	
MB 880-18836/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18836/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18836/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10994-8 MS	S-1 (7-7.5')	Soluble	Solid	DI Leach	
880-10994-8 MSD	S-1 (7-7.5')	Soluble	Solid	DI Leach	

Leach Batch: 18837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-18	S-2 (8-8.5')	Soluble	Solid	DI Leach	
880-10994-19	S-3 (0-1')	Soluble	Solid	DI Leach	
880-10994-20	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-10994-21	S-3 (2-2.5')	Soluble	Solid	DI Leach	
880-10994-22	S-3 (3-3.5')	Soluble	Solid	DI Leach	
880-10994-23	S-3 (4-4.5')	Soluble	Solid	DI Leach	
880-10994-24	S-3 (5-5.5')	Soluble	Solid	DI Leach	
880-10994-25	S-3 (6-6.5')	Soluble	Solid	DI Leach	
MB 880-18837/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18837/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 18837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-18837/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10994-18 MS	S-2 (8-8.5')	Soluble	Solid	DI Leach	
880-10994-18 MSD	S-2 (8-8.5')	Soluble	Solid	DI Leach	

Analysis Batch: 18944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-18	S-2 (8-8.5')	Soluble	Solid	300.0	18837
880-10994-19	S-3 (0-1')	Soluble	Solid	300.0	18837
880-10994-20	S-3 (1-1.5')	Soluble	Solid	300.0	18837
880-10994-21	S-3 (2-2.5')	Soluble	Solid	300.0	18837
880-10994-22	S-3 (3-3.5')	Soluble	Solid	300.0	18837
880-10994-23	S-3 (4-4.5')	Soluble	Solid	300.0	18837
880-10994-24	S-3 (5-5.5')	Soluble	Solid	300.0	18837
880-10994-25	S-3 (6-6.5')	Soluble	Solid	300.0	18837
MB 880-18837/1-A	Method Blank	Soluble	Solid	300.0	18837
LCS 880-18837/2-A	Lab Control Sample	Soluble	Solid	300.0	18837
LCSD 880-18837/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18837
880-10994-18 MS	S-2 (8-8.5')	Soluble	Solid	300.0	18837
880-10994-18 MSD	S-2 (8-8.5')	Soluble	Solid	300.0	18837

Analysis Batch: 19076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10994-1	S-1 (0-1')	Soluble	Solid	300.0	18836
880-10994-2	S-1 (1-1.5')	Soluble	Solid	300.0	18836
880-10994-3	S-1 (2-2.5')	Soluble	Solid	300.0	18836
880-10994-4	S-1 (3-3.5')	Soluble	Solid	300.0	18836
880-10994-5	S-1 (4-4.5')	Soluble	Solid	300.0	18836
880-10994-6	S-1 (5-5.5')	Soluble	Solid	300.0	18836
880-10994-7	S-1 (6-6.5')	Soluble	Solid	300.0	18836
880-10994-8	S-1 (7-7.5')	Soluble	Solid	300.0	18836
880-10994-9	S-1 (8-8.5')	Soluble	Solid	300.0	18836
880-10994-10	S-2 (0-1')	Soluble	Solid	300.0	18836
880-10994-11	S-2 (1-1.5')	Soluble	Solid	300.0	18836
880-10994-12	S-2 (2-2.5')	Soluble	Solid	300.0	18836
880-10994-13	S-2 (3-3.5')	Soluble	Solid	300.0	18836
880-10994-14	S-2 (4-4.5')	Soluble	Solid	300.0	18836
880-10994-15	S-2 (5-5.5')	Soluble	Solid	300.0	18836
880-10994-16	S-2 (6-6.5')	Soluble	Solid	300.0	18836
880-10994-17	S-2 (7-7.5')	Soluble	Solid	300.0	18836
MB 880-18836/1-A	Method Blank	Soluble	Solid	300.0	18836
LCS 880-18836/2-A	Lab Control Sample	Soluble	Solid	300.0	18836
LCSD 880-18836/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18836
880-10994-8 MS	S-1 (7-7.5')	Soluble	Solid	300.0	18836
880-10994-8 MSD	S-1 (7-7.5')	Soluble	Solid	300.0	18836

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-1

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 16:57	KL	XEN MID
Total/NA	Prep	5035			4.95 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 00:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 01:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 01:52	SC	XEN MID

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

Lab Sample ID: 880-10994-2

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 18:46	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 01:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 01:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 02:01	SC	XEN MID

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

Lab Sample ID: 880-10994-3

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 19:07	KL	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 01:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 01:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 02:28	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-10994-4

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 22:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 02:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 02:36	SC	XEN MID

Client Sample ID: S-1 (4-4.5')

Lab Sample ID: 880-10994-5

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 23:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 00:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 02:45	SC	XEN MID

Client Sample ID: S-1 (5-5.5')

Lab Sample ID: 880-10994-6

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 23:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 02:39	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 02:54	SC	XEN MID

Client Sample ID: S-1 (6-6.5')

Lab Sample ID: 880-10994-7

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 23:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (6-6.5')

Lab Sample ID: 880-10994-7

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 02:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 03:03	SC	XEN MID

Client Sample ID: S-1 (7-7.5')

Lab Sample ID: 880-10994-8

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/10/22 00:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 03:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 03:12	SC	XEN MID

Client Sample ID: S-1 (8-8.5')

Lab Sample ID: 880-10994-9

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	19012	02/10/22 19:27	KL	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	18880	02/10/22 01:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 03:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		1			19076	02/11/22 03:38	SC	XEN MID

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

Lab Sample ID: 880-10994-10

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 19:48	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 03:18	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-10

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 04:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		5			19076	02/11/22 03:47	SC	XEN MID

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

Lab Sample ID: 880-10994-11

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 20:08	KL	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 03:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 04:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		5			19076	02/11/22 04:14	SC	XEN MID

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

Lab Sample ID: 880-10994-12

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 20:28	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 03:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 05:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		10			19076	02/11/22 04:23	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-10994-13

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	19012	02/10/22 20:49	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	18880	02/10/22 04:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 05:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		10			19076	02/11/22 04:31	SC	XEN MID

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-10994-14

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 21:09	KL	XEN MID
Total/NA	Prep	5035			4.95 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 04:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 05:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		10			19076	02/11/22 04:40	SC	XEN MID

Client Sample ID: S-2 (5-5.5')

Lab Sample ID: 880-10994-15

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	18880	02/10/22 05:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 06:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		10			19076	02/11/22 04:49	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (6-6.5')

Lab Sample ID: 880-10994-16

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	18880	02/10/22 05:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 06:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		20			19076	02/11/22 04:58	SC	XEN MID

Client Sample ID: S-2 (7-7.5')

Lab Sample ID: 880-10994-17

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	18880	02/10/22 05:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 06:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18836	02/08/22 14:24	SC	XEN MID
Soluble	Analysis	300.0		10			19076	02/11/22 05:07	SC	XEN MID

Client Sample ID: S-2 (8-8.5')

Lab Sample ID: 880-10994-18

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/10/22 00:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18808	02/09/22 07:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 11:02	CH	XEN MID

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

Lab Sample ID: 880-10994-19

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 21:30	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-19

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 06:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 07:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 11:16	CH	XEN MID

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

Lab Sample ID: 880-10994-20

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18966	02/10/22 08:12	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	19012	02/10/22 21:50	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	18816	02/08/22 12:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18880	02/10/22 06:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18892	02/09/22 10:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18811	02/08/22 11:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			18808	02/09/22 07:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 11:21	CH	XEN MID

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

Lab Sample ID: 880-10994-21

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18817	02/09/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	18880	02/09/22 13:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 00:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		5			18944	02/10/22 11:26	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10994-22

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18817	02/09/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 14:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 01:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		10			18944	02/10/22 11:31	CH	XEN MID

Client Sample ID: S-3 (4-4.5')

Lab Sample ID: 880-10994-23

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18817	02/09/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 14:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 01:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 13:31	CH	XEN MID

Client Sample ID: S-3 (5-5.5')

Lab Sample ID: 880-10994-24

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18817	02/09/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 14:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 01:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 13:36	CH	XEN MID

Client Sample ID: S-3 (6-6.5')

Lab Sample ID: 880-10994-25

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18817	02/09/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18880	02/09/22 15:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19016	02/10/22 09:50	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (6-6.5') Lab Sample ID: 880-10994-25
Date Collected: 02/07/22 00:00 Matrix: Solid
Date Received: 02/08/22 10:17

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			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18812	02/08/22 11:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18805	02/09/22 04:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 13:40	CH	XEN MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10994-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10994-1	S-1 (0-1')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-2	S-1 (1-1.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-3	S-1 (2-2.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-4	S-1 (3-3.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-5	S-1 (4-4.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-6	S-1 (5-5.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-7	S-1 (6-6.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-8	S-1 (7-7.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-9	S-1 (8-8.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-10	S-2 (0-1')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-11	S-2 (1-1.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-12	S-2 (2-2.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-13	S-2 (3-3.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-14	S-2 (4-4.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-15	S-2 (5-5.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-16	S-2 (6-6.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-17	S-2 (7-7.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-18	S-2 (8-8.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-19	S-3 (0-1')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-20	S-3 (1-1.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-21	S-3 (2-2.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-22	S-3 (3-3.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-23	S-3 (4-4.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-24	S-3 (5-5.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10994-25	S-3 (6-6.5')	Solid	02/07/22 00:00	02/08/22 10:17

Project Manager	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88256
Phone	432-813-6823	Email	jacquiharris@conocophillips.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ brownfields ☐ RRC ☐ superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other ☐

880-10994 Chain of Custody

Project Name				Dirty Dozen Fed Com 3 (01 14 22)				Turn Around				ANALYSIS REQUEST												Preservative Codes					
Project Number		1005		☐ Routine		☒ Rush		Pres. Code																		None NO		DI Water H ₂ O	
Project Location		Eddy Co. NM		Due Date		72 Hrs		TAT starts the day received by the lab, if received by 4.30pm																		Cool Cool		MeOH Me	
Sampler's Name		CRM																								HCL HC		HNO ₃ HN	
PO #																										H ₂ SO ₄ H ₂		NaOH Na	
SAMPLE RECEIPT				Temp Blank		Yes ☒ No ☒		Yes ☒ No ☒		Wet Ice		Yes ☒ No ☒														H ₃ PO ₄ HP			
Received Intact				Yes ☒ No ☒		Thermometer ID		Correction Factor		10																NaHSO ₄ NABIS			
Cooler Custody Seals				Yes ☒ No ☒		Temperature Reading		Corrected Temperature		3																Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals				Yes ☒ No ☒																						Zn Acetate+NaOH Zn			
Total Containers																										NaOH+Ascorbic Acid SAPC			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																Sample Comments	
S-1 (0-1')		2/7/2022				X				G		1		X		X		X											
S-1 (1-1.5')		2/7/2022				X				G		1		X		X		X											
S-1 (2-2.5')		2/7/2022				X				G		1		X		X		X											
S-1 (3-3.5')		2/7/2022				X				G		1		X		X		X											
S-1 (4-4.5')		2/7/2022				X				G		1		X		X		X											
S-1 (5-5.5')		2/7/2022				X				G		1		X		X		X											
S-1 (6-6.5')		2/7/2022				X				G		1		X		X		X											
S-1 (7-7.5')		2/7/2022				X				G		1		X		X		X											
S-1 (8-8.5')		2/7/2022				X				G		1		X		X		X											
S-2 (0-1')		2/7/2022				X				G		1		X		X		X											

Additoinal Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated for Xencio. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated for Xencio.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Donna M. Jones</i>	<i>[Signature]</i>	2/8/22 10:17	2		
3			4		
5			6		

Work Order No: 10994

Page 2 of 3

Project Manager	Conner Moehring	Bill to (if different)	Jacqu Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88256
Phone	432-813-6823	Email	jacquharris@conocophillips.com

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

Project Name		Dirty Dozen Fed Com 3 (01 14.22)		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number	1005	☐ Routine	☒ Rush															None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM	Due Date	72 Hrs															Cool Cool	MeOH Me		
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm																HCL HC	HNO ₃ HN		
PO #																		H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT				Temp Blank	Yes <u>(No)</u>	Wet Ice	Yes <u>(No)</u>											H ₃ PO ₄ HP			
Received Intact.	Yes <u>(No)</u>	No	Thermometer ID															NaHSO ₄ NABIS			
Cooler Custody Seals	Yes	No	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes	No	N/A	Temperature Reading														Zn Acetate+NaOH Zn			
Total Containers			Corrected Temperature															NaOH+Ascorbic Acid SARC			
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
S-2 (1-1.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (2-2.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (3-3.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (4-4.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (5-5.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (6-6.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (7-7.5)				2/7/2022		X		G	1	X	X	X	X								
S-2 (8-8.5)				2/7/2022		X		G	1	X	X	X	X								
S-3 (0-1')				2/7/2022		X		G	1	X	X	X	X								
S-3 (1-1.5)				2/7/2022		X		G	1	X	X	X	X								

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Jacqu Harris</i>	2/8/22 10:17			
3					
5					

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-10994-1

SDG Number: Eddy Co, NM

Login Number: 10994

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.	N/A	No time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10995-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

For:

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

Attn: Conner Moehring

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

Authorized for release by:
2/10/2022 2:48:14 PM

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

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www.eurofinsus.com/Env

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

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

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Laboratory Job ID: 880-10995-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Job ID: 880-10995-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-10995-1****Receipt**

The samples were received on 2/8/2022 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18814 and analytical batch 880-18798 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-10995-1), H-4 (0-0.5') (880-10995-4), (LCS 880-18670/1-A) and (880-10992-A-1-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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-10994-A-21-F MS) and (880-10994-A-21-G MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18837 and analytical batch 880-18944 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-1

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 03:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 03:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 03:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/08/22 11:45	02/09/22 03:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 03:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/08/22 11:45	02/09/22 03:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	02/08/22 11:45	02/09/22 03:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/08/22 11:45	02/09/22 03:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 02:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 02:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	02/08/22 15:41	02/09/22 02:19	1
o-Terphenyl	78		70 - 130	02/08/22 15:41	02/09/22 02:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			02/10/22 13:45	1

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

Lab Sample ID: 880-10995-2

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/08/22 11:45	02/09/22 04:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/08/22 11:45	02/09/22 04:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/08/22 11:45	02/09/22 04:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/08/22 11:45	02/09/22 04:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/08/22 11:45	02/09/22 04:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/08/22 11:45	02/09/22 04:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/08/22 11:45	02/09/22 04:14	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/08/22 11:45	02/09/22 04:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-2

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 02:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 02:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/08/22 15:41	02/09/22 02:39	1
o-Terphenyl	75		70 - 130				02/08/22 15:41	02/09/22 02:39	1

Method: 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			02/10/22 13:50	1

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

Lab Sample ID: 880-10995-3

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/08/22 11:45	02/09/22 04:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/08/22 11:45	02/09/22 04:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/08/22 11:45	02/09/22 04:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/08/22 11:45	02/09/22 04:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/08/22 11:45	02/09/22 04:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/08/22 11:45	02/09/22 04:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/08/22 11:45	02/09/22 04:34	1
1,4-Difluorobenzene (Surr)	74		70 - 130				02/08/22 11:45	02/09/22 04:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 02:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 02:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-3

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/08/22 15:41	02/09/22 02:59	1
o-Terphenyl	83		70 - 130				02/08/22 15:41	02/09/22 02:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.21	F1	4.98		mg/Kg			02/10/22 13:55	1

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

Lab Sample ID: 880-10995-4

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 04:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 04:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 04:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/08/22 11:45	02/09/22 04:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 04:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/08/22 11:45	02/09/22 04:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				02/08/22 11:45	02/09/22 04:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/08/22 11:45	02/09/22 04:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 03:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				02/08/22 15:41	02/09/22 03:39	1
o-Terphenyl	88		70 - 130				02/08/22 15:41	02/09/22 03:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.02		mg/Kg			02/10/22 14:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-5

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/22 08:40	02/09/22 14:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/22 08:40	02/09/22 14:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/22 08:40	02/09/22 14:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/09/22 08:40	02/09/22 14:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/09/22 08:40	02/09/22 14:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/09/22 08:40	02/09/22 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	02/09/22 08:40	02/09/22 14:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/09/22 08:40	02/09/22 14:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/10/22 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.9		49.9		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 03:19	1
Diesel Range Organics (Over C10-C28)	75.9		49.9		mg/Kg		02/08/22 15:41	02/09/22 03:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/22 15:41	02/09/22 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/08/22 15:41	02/09/22 03:19	1
o-Terphenyl	80		70 - 130	02/08/22 15:41	02/09/22 03:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		4.95		mg/Kg			02/10/22 14:14	1

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

Lab Sample ID: 880-10995-6

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:40	02/09/22 15:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:40	02/09/22 15:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:40	02/09/22 15:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/22 08:40	02/09/22 15:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/22 08:40	02/09/22 15:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/22 08:40	02/09/22 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	02/09/22 08:40	02/09/22 15:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/09/22 08:40	02/09/22 15:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-6

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/22 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/10/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 04:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 04:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/09/22 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/08/22 15:41	02/09/22 04:00	1
o-Terphenyl	75		70 - 130				02/08/22 15:41	02/09/22 04:00	1

Method: 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			02/10/22 14:29	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10992-A-1-B MS	Matrix Spike	144 S1+	89
880-10992-A-1-C MSD	Matrix Spike Duplicate	109	175 S1+
880-10995-1	H-1 (0-0.5')	137 S1+	99
880-10995-2	H-2 (0-0.5')	126	92
880-10995-3	H-3 (0-0.5')	116	74
880-10995-4	H-4 (0-0.5')	140 S1+	101
880-10995-5	H-5 (0-0.5')	128	100
880-10995-5 MS	H-5 (0-0.5')	132 S1+	103
880-10995-5 MSD	H-5 (0-0.5')	130	109
880-10995-6	H-6 (0-0.5')	137 S1+	92
LCS 880-18814/1-A	Lab Control Sample	119	95
LCS 880-18884/1-A	Lab Control Sample	116	103
LCSD 880-18814/2-A	Lab Control Sample Dup	128	97
LCSD 880-18884/2-A	Lab Control Sample Dup	124	92
MB 880-18670/5-A	Method Blank	109	83
MB 880-18814/5-A	Method Blank	123	98
MB 880-18884/5-A	Method Blank	120	105
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)
880-10994-A-21-F MS	Matrix Spike	76	68 S1-
880-10994-A-21-G MSD	Matrix Spike Duplicate	76	68 S1-
880-10995-1	H-1 (0-0.5')	73	78
880-10995-2	H-2 (0-0.5')	70	75
880-10995-3	H-3 (0-0.5')	78	83
880-10995-4	H-4 (0-0.5')	80	88
880-10995-5	H-5 (0-0.5')	75	80
880-10995-6	H-6 (0-0.5')	70	75
LCS 880-18846/2-A	Lab Control Sample	79	76
LCSD 880-18846/3-A	Lab Control Sample Dup	80	75
MB 880-18846/1-A	Method Blank	79	89
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18670/5-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 07:30	02/08/22 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/22 07:30	02/08/22 12:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/22 07:30	02/08/22 12:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/08/22 07:30	02/08/22 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/22 07:30	02/08/22 12:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/08/22 07:30	02/08/22 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/08/22 07:30	02/08/22 12:11	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/08/22 07:30	02/08/22 12:11	1

Lab Sample ID: MB 880-18814/5-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 01:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 01:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 01:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/08/22 11:45	02/09/22 01:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/08/22 11:45	02/09/22 01:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/08/22 11:45	02/09/22 01:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	02/08/22 11:45	02/09/22 01:22	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/08/22 11:45	02/09/22 01:22	1

Lab Sample ID: LCS 880-18814/1-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08128		mg/Kg		81	70 - 130
Toluene	0.100	0.09619		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09451		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1898		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09356		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-18814/2-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18814

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09109		mg/Kg		91	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-18814/2-A

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18814

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09878		mg/Kg		99	70 - 130	3	35
Ethylbenzene	0.100	0.1047		mg/Kg		105	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2018		mg/Kg		101	70 - 130	6	35
o-Xylene	0.100	0.09928		mg/Kg		99	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-10992-A-1-B MS

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0998	0.04205	F1	mg/Kg		42	70 - 130		
Toluene	<0.00200	U F1	0.0998	0.04209	F1	mg/Kg		42	70 - 130		
Ethylbenzene	<0.00200	U F2 F1	0.0998	0.05559	F1	mg/Kg		56	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.09621	F1	mg/Kg		48	70 - 130		
o-Xylene	<0.00200	U F2 F1	0.0998	0.05831	F1	mg/Kg		58	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-10992-A-1-C MSD

Matrix: Solid

Analysis Batch: 18798

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.101	0.04942	F1	mg/Kg		49	70 - 130	16	35
Toluene	<0.00200	U F1	0.101	0.04203	F1	mg/Kg		42	70 - 130	0	35
Ethylbenzene	<0.00200	U F2 F1	0.101	0.02113	F2 F1	mg/Kg		21	70 - 130	90	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.202	0.04190	F2 F1	mg/Kg		21	70 - 130	79	35
o-Xylene	<0.00200	U F2 F1	0.101	0.02767	F2 F1	mg/Kg		27	70 - 130	71	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	175	S1+	70 - 130

Lab Sample ID: MB 880-18884/5-A

Matrix: Solid

Analysis Batch: 18897

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:40	02/09/22 13:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/22 08:40	02/09/22 13:18	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-18884/5-A

Matrix: Solid

Analysis Batch: 18897

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/09/22 08:40	02/09/22 13:18	1
1,4-Difluorobenzene (Surr)	105		70 - 130				02/09/22 08:40	02/09/22 13:18	1

Lab Sample ID: LCS 880-18884/1-A

Matrix: Solid

Analysis Batch: 18897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08645		mg/Kg		86	70 - 130
Toluene	0.100	0.09430		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09308		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1863		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09941		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	116		70 - 130				
1,4-Difluorobenzene (Surr)	103		70 - 130				

Lab Sample ID: LCSD 880-18884/2-A

Matrix: Solid

Analysis Batch: 18897

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18884

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08995		mg/Kg		90	70 - 130	4	35
Toluene	0.100	0.09912		mg/Kg		99	70 - 130	5	35
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2009		mg/Kg		100	70 - 130	8	35
o-Xylene	0.100	0.1000		mg/Kg		100	70 - 130	1	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	124		70 - 130						
1,4-Difluorobenzene (Surr)	92		70 - 130						

Lab Sample ID: 880-10995-5 MS

Matrix: Solid

Analysis Batch: 18897

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

Prep Type: Total/NA

Prep Batch: 18884

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0990	0.08449		mg/Kg		85	70 - 130
Toluene	<0.00198	U	0.0990	0.08411		mg/Kg		85	70 - 130
Ethylbenzene	<0.00198	U	0.0990	0.07839		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.198	0.1591		mg/Kg		80	70 - 130
o-Xylene	<0.00198	U	0.0990	0.07795		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-5 MS

Matrix: Solid

Analysis Batch: 18897

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

Prep Type: Total/NA

Prep Batch: 18884

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10995-5 MSD

Matrix: Solid

Analysis Batch: 18897

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

Prep Type: Total/NA

Prep Batch: 18884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0998	0.07603		mg/Kg		76	70 - 130	11	35
Toluene	<0.00198	U	0.0998	0.08625		mg/Kg		86	70 - 130	3	35
Ethylbenzene	<0.00198	U	0.0998	0.08243		mg/Kg		83	70 - 130	5	35
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1578		mg/Kg		79	70 - 130	1	35
o-Xylene	<0.00198	U	0.0998	0.08067		mg/Kg		81	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-18846/1-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/08/22 23:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/08/22 23:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/22 15:41	02/08/22 23:20	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	79		70 - 130	02/08/22 15:41	02/08/22 23:20	1			
o-Terphenyl	89		70 - 130	02/08/22 15:41	02/08/22 23:20	1			

Lab Sample ID: LCS 880-18846/2-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	953.6		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	910.9		mg/Kg		91	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	76		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-18846/3-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	914.0		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	917.5		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	80		70 - 130						
o-Terphenyl	75		70 - 130						

Lab Sample ID: 880-10994-A-21-F MS

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	82.3		1000	949.8		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	569	F1	1000	996.8	F1	mg/Kg		43	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	76		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

Lab Sample ID: 880-10994-A-21-G MSD

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18846

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	82.3		998	937.1		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	569	F1	998	1001	F1	mg/Kg		43	70 - 130	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18837/1-A

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/10/22 10:47	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-18837/2-A

Matrix: Solid

Analysis Batch: 18944

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	247.2		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-18837/3-A

Matrix: Solid

Analysis Batch: 18944

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	225.3		mg/Kg		90	90 - 110	9	20

Lab Sample ID: 880-10995-3 MS

Matrix: Solid

Analysis Batch: 18944

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	5.21	F1	249	236.0		mg/Kg		93	90 - 110		

Lab Sample ID: 880-10995-3 MSD

Matrix: Solid

Analysis Batch: 18944

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.21	F1	249	207.8	F1	mg/Kg		81	90 - 110	13	20

QC Association Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 18670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18670/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 18798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Total/NA	Solid	8021B	18814
880-10995-2	H-2 (0-0.5')	Total/NA	Solid	8021B	18814
880-10995-3	H-3 (0-0.5')	Total/NA	Solid	8021B	18814
880-10995-4	H-4 (0-0.5')	Total/NA	Solid	8021B	18814
MB 880-18670/5-A	Method Blank	Total/NA	Solid	8021B	18670
MB 880-18814/5-A	Method Blank	Total/NA	Solid	8021B	18814
LCS 880-18814/1-A	Lab Control Sample	Total/NA	Solid	8021B	18814
LCSD 880-18814/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18814
880-10992-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	18814
880-10992-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18814

Prep Batch: 18814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-10995-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-10995-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-10995-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-18814/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18814/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18814/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10992-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-10992-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 18884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-10995-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-18884/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18884/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18884/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10995-5 MS	H-5 (0-0.5')	Total/NA	Solid	5035	
880-10995-5 MSD	H-5 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 18897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-5	H-5 (0-0.5')	Total/NA	Solid	8021B	18884
880-10995-6	H-6 (0-0.5')	Total/NA	Solid	8021B	18884
MB 880-18884/5-A	Method Blank	Total/NA	Solid	8021B	18884
LCS 880-18884/1-A	Lab Control Sample	Total/NA	Solid	8021B	18884
LCSD 880-18884/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18884
880-10995-5 MS	H-5 (0-0.5')	Total/NA	Solid	8021B	18884
880-10995-5 MSD	H-5 (0-0.5')	Total/NA	Solid	8021B	18884

Analysis Batch: 19024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-10995-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 19024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-10995-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-10995-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-10995-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 18806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	18846
880-10995-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	18846
880-10995-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	18846
880-10995-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	18846
880-10995-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	18846
880-10995-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	18846
MB 880-18846/1-A	Method Blank	Total/NA	Solid	8015B NM	18846
LCS 880-18846/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18846
LCSD 880-18846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18846
880-10994-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	18846
880-10994-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18846

Prep Batch: 18846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-10995-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-10995-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-10995-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-10995-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-10995-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-18846/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18846/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10994-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10994-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 19008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-10995-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-10995-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-10995-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-10995-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-10995-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-10995-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-10995-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-10995-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 18837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-10995-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-18837/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18837/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18837/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10995-3 MS	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-10995-3 MSD	H-3 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 18944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10995-1	H-1 (0-0.5')	Soluble	Solid	300.0	18837
880-10995-2	H-2 (0-0.5')	Soluble	Solid	300.0	18837
880-10995-3	H-3 (0-0.5')	Soluble	Solid	300.0	18837
880-10995-4	H-4 (0-0.5')	Soluble	Solid	300.0	18837
880-10995-5	H-5 (0-0.5')	Soluble	Solid	300.0	18837
880-10995-6	H-6 (0-0.5')	Soluble	Solid	300.0	18837
MB 880-18837/1-A	Method Blank	Soluble	Solid	300.0	18837
LCS 880-18837/2-A	Lab Control Sample	Soluble	Solid	300.0	18837
LCSD 880-18837/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18837
880-10995-3 MS	H-3 (0-0.5')	Soluble	Solid	300.0	18837
880-10995-3 MSD	H-3 (0-0.5')	Soluble	Solid	300.0	18837

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-1

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18814	02/08/22 11:45	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18798	02/09/22 03:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 02:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 13:45	CH	XEN MID

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

Lab Sample ID: 880-10995-2

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18814	02/08/22 11:45	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18798	02/09/22 04:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 02:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 13:50	CH	XEN MID

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

Lab Sample ID: 880-10995-3

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18814	02/08/22 11:45	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18798	02/09/22 04:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 02:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 13:55	CH	XEN MID

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

Lab Sample ID: 880-10995-4

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18814	02/08/22 11:45	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18798	02/09/22 04:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-10995-4

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 03:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 14:09	CH	XEN MID

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

Lab Sample ID: 880-10995-5

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18884	02/09/22 08:40	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18897	02/09/22 14:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 10:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 03:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 14:14	CH	XEN MID

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

Lab Sample ID: 880-10995-6

Date Collected: 02/07/22 00:00

Matrix: Solid

Date Received: 02/08/22 10:17

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	18884	02/09/22 08:40	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18897	02/09/22 15:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			19024	02/10/22 12:53	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19008	02/10/22 09:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 04:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18837	02/08/22 14:29	SC	XEN MID
Soluble	Analysis	300.0		1			18944	02/10/22 14:29	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Dirty Dozen Fed Com 3 (01.14.22)

Job ID: 880-10995-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10995-1	H-1 (0-0.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10995-2	H-2 (0-0.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10995-3	H-3 (0-0.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10995-4	H-4 (0-0.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10995-5	H-5 (0-0.5')	Solid	02/07/22 00:00	02/08/22 10:17
880-10995-6	H-6 (0-0.5')	Solid	02/07/22 00:00	02/08/22 10:17

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Project Manager	Conner Moehring	Bill to (if different)	Jacqueline Harris
Company Name	Cammona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88256
Phone	432-813-6823	Email	jacquelineharris@concomphillips.com

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

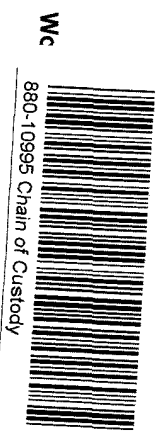
Project Name	Dirty Dozen Fed Com 3 (01 14 22)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes												
Project Number	1005	☐ Routine ☒ Rush	72 Hrs																									
Project Location	Eddy Co, NM	Due Date																										
Sampler's Name	CRM	TAT starts the day received by the lab, if received by 4:30pm																										
PO #																												
SAMPLE RECEIPT				Temp Blank		Yes		No		Wet Ice		Yes		No		HOLD												
Received Intact:				Yes		No		N/A		Thermometer ID		Yes		No		None NO												
Cooler Custody Seals				Yes		No		N/A		Correction Factor		Yes		No		Cool Cool												
Sample Custody Seals				Yes		No		N/A		Temperature Reading		Yes		No		HCL HC												
Total Containers				Yes		No		N/A		Corrected Temperature		Yes		No		H2SO4 H2												

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments											
H-1 (0-0.5')	2/7/2022		X		G	1	BTX 8021B																							
H-2 (0-0.5')	2/7/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)																							
H-3 (0-0.5')	2/7/2022		X		G	1	Chloride 300.0																							
H-4 (0-0.5')	2/7/2022		X		G	1																								
H-5 (0-0.5')	2/7/2022		X		G	1																								
H-6 (0-0.5')	2/7/2022		X		G	1																								

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Jacqueline Harris</i>	2/8/22 10:17			



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-10995-1

SDG Number: Eddy Co, NM

Login Number: 10995

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.	N/A	No time on COC, logged in per container labels.
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	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 28, 2022

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: DIRTY DOZEN FED COM 3

Enclosed are the results of analyses for samples received by the laboratory on 02/25/22 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (4.5') (H220739-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/25/2022	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (4.5') (H220739-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/25/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (4.5') (H220739-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242		
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (4.5') (H220739-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (4.5') (H220739-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (4.5') (H220739-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/25/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (8.5') (H220739-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242		
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (8.5') (H220739-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (8.5') (H220739-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (8.5') (H220739-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242		
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110		
Total BTEx	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (4.5') (H220739-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (4.5') (H220739-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (4.5') (H220739-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (4.5') (H220739-14)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (4.5') (H220739-15)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242		
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (8.5') (H220739-16)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (8.5') (H220739-17)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEx	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (8.5') (H220739-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (8.5') (H220739-19)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242	
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (8.5') (H220739-20)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	0.242		
Toluene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.0268		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.10	105	2.00	0.229		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.50	108	6.00	0.110		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2022	ND	205	102	200	3.00	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	203	101	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/25/2022
Reported: 02/28/2022
Project Name: DIRTY DOZEN FED COM 3
Project Number: 1005 (01.14.22)
Project Location: COG - EDDY CO NM

Sampling Date: 02/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (8.5') (H220739-21)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	106	2.00	2.58		
Toluene*	<0.050	0.050	02/25/2022	ND	2.08	104	2.00	2.29		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.08	104	2.00	2.69		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.39	107	6.00	3.21		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/25/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	209	105	200	5.09	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	223	112	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 59.5-142

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H220739

Page 24 of 25

Project Manager:	Clint Merritt	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 W Wall St Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-9044	Email:	jacquiharris@conocophillips.com

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

Project Name:	Dirty Dozen Fed Com 3 (01.14.22)	Turn Around	☐ Routine ☒ Rush
Project Number:	1005	Due Date:	24 Hrs
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	CRM		
PO #:			

Parameters	Press. Code	ANALYSIS REQUEST											
BTEX 8021B													
TPH 8015M (GRO + DRO + MRO)													
Chloride 4500													
HOLD													

None: NO	DI Water: H ₂ O
Cool: Cool	MeOH: Me
HCL: HC	HNO ₃ : HN
H ₂ SO ₄ : H ₂	NaOH: Na
H ₃ PO ₄ : HP	
NaHSO ₄ : NABIS	
Na ₂ S ₂ O ₃ : NaSO ₃	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1 (4.5')	2/25/2022		X		Comp	1	X	X	X										
CS-2 (4.5')	2/25/2022		X		Comp	1	X	X	X										
CS-3 (4.5')	2/25/2022		X		Comp	1	X	X	X										
CS-4 (4.5')	2/25/2022		X		Comp	1	X	X	X										
CS-5 (4.5')	2/25/2022		X		Comp	1	X	X	X										
CS-6 (4.5')	2/25/2022		X		Comp	1	X	X	X										
CS-7 (8.5')	2/25/2022		X		Comp	1	X	X	X										
CS-8 (8.5')	2/25/2022		X		Comp	1	X	X	X										
CS-9 (8.5')	2/25/2022		X		Comp	1	X	X	X										
CS-10 (8.5')	2/25/2022		X		Comp	1	X	X	X										

Comments: Email Mike, Connor + Clint M.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	2-25-22 1100			

Chain of Custody

Work Order No: 4220739

Page 25 of 25

Project Manager:	Clint Merritt	Bill to: (if different)	Jacquie Harris
Company Name:	Camrona Resources	Company Name:	COG
Address:	310 W Wall St Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-9044	Email:	jacquieharris@conocophillips.com

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

Project Name:	Dirty Dozen Fed Com 3 (01.14.22)	Turn Around	☐ Routine ☒ Rush	Post. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	1005																None: NO							
Project Location:	Eddy Co. NM	Due Date:	24 Hrs														Cool: Cool							
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC							
PO #:																	H ₂ SO ₄ : H ₂							
SAMPLE RECEIPT	Received In tact:	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP						
	Cooler Custody Seals:	Yes ☒ No ☐ N/A	Thermometer ID:															NaHSO ₄ : NABIS						
	Sample Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃						
			Temperature Reading:															Zn Acetate+NaOH: Zn						
			Corrected Temperature:															NaOH+Ascorbic Acid: SAPC						
Total Containers:																								
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
SW-1 (4.5)		2/25/2022		X		Comp	1	X	X	X														
SW-2 (4.5)		2/25/2022		X		Comp	1	X	X	X														
SW-3 (4.5)		2/25/2022		X		Comp	1	X	X	X														
SW-4 (4.5)		2/25/2022		X		Comp	1	X	X	X														
SW-5 (4.5)		2/25/2022		X		Comp	1	X	X	X														
SW-6 (8.5)		2/25/2022		X		Comp	1	X	X	X														
SW-7 (8.5)		2/25/2022		X		Comp	1	X	X	X														
SW-8 (8.5)		2/25/2022		X		Comp	1	X	X	X														
SW-9 (8.5)		2/25/2022		X		Comp	1	X	X	X														
SW-10 (8.5)		2/25/2022		X		Comp	1	X	X	X														
SW-11 (8.5)		2/25/2022		X		Comp	1	X	X	X														

Comments: Email - Mike, Connor & Clintm.

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3-25-22 1100			



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-11774-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

For:

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

Attn: Clint Merritt

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

Authorized for release by:
3/1/2022 9:08:58 PM

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

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

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

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Laboratory Job ID: 880-11774-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Job ID: 880-11774-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11774-1

Receipt

The samples were received on 2/28/2022 1:50 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 3.0°C

GC VOA

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.

Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Client Sample ID: SW-12 (8.5')

Lab Sample ID: 880-11774-1

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 20:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 20:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 20:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/01/22 08:30	03/01/22 20:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 20:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/01/22 08:30	03/01/22 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/01/22 08:30	03/01/22 20:53	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/01/22 08:30	03/01/22 20:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/22 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/22 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/28/22 16:41	03/01/22 00:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/28/22 16:41	03/01/22 00:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/28/22 16:41	03/01/22 00:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	02/28/22 16:41	03/01/22 00:20	1
o-Terphenyl	101		70 - 130	02/28/22 16:41	03/01/22 00:20	1

Method: 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			02/28/22 22:10	1

Client Sample ID: SW-13 (8.5')

Lab Sample ID: 880-11774-2

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/01/22 08:30	03/01/22 21:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/01/22 08:30	03/01/22 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/01/22 08:30	03/01/22 21:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/01/22 08:30	03/01/22 21:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Client Sample ID: SW-13 (8.5')

Lab Sample ID: 880-11774-2

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/22 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/22 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/28/22 16:41	03/01/22 01:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/28/22 16:41	03/01/22 01:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/28/22 16:41	03/01/22 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				02/28/22 16:41	03/01/22 01:21	1
o-Terphenyl	111		70 - 130				02/28/22 16:41	03/01/22 01:21	1

Method: 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			02/28/22 22:19	1

Client Sample ID: SW-14 (8.5')

Lab Sample ID: 880-11774-3

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/01/22 08:30	03/01/22 21:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 21:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/01/22 08:30	03/01/22 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				03/01/22 08:30	03/01/22 21:34	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/01/22 08:30	03/01/22 21:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/22 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/01/22 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/28/22 16:41	03/01/22 01:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/28/22 16:41	03/01/22 01:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Client Sample ID: SW-14 (8.5')

Lab Sample ID: 880-11774-3

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/28/22 16:41	03/01/22 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	02/28/22 16:41	03/01/22 01:42	1
o-Terphenyl	112		70 - 130	02/28/22 16:41	03/01/22 01:42	1

Method: 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			02/28/22 22:28	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-11774-1	SW-12 (8.5')	110	103
880-11774-2	SW-13 (8.5')	113	95
880-11774-3	SW-14 (8.5')	90	95
890-2009-A-3-G MS	Matrix Spike	72	73
890-2009-A-3-H MSD	Matrix Spike Duplicate	122	75
LCS 880-20526/1-A	Lab Control Sample	98	101
LCSD 880-20526/2-A	Lab Control Sample Dup	101	103
MB 880-20526/5-A	Method Blank	97	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)
880-11774-1	SW-12 (8.5')	102	101
880-11774-1 MS	SW-12 (8.5')	106	105
880-11774-1 MSD	SW-12 (8.5')	101	91
880-11774-2	SW-13 (8.5')	114	111
880-11774-3	SW-14 (8.5')	116	112
LCS 880-20541/2-A	Lab Control Sample	115	118
LCSD 880-20541/3-A	Lab Control Sample Dup	127	121
MB 880-20541/1-A	Method Blank	127	125
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20526/5-A

Matrix: Solid

Analysis Batch: 20577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20526

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 13:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 13:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 13:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/01/22 08:30	03/01/22 13:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/22 08:30	03/01/22 13:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/01/22 08:30	03/01/22 13:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	03/01/22 08:30	03/01/22 13:39	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/01/22 08:30	03/01/22 13:39	1

Lab Sample ID: LCS 880-20526/1-A

Matrix: Solid

Analysis Batch: 20577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09731		mg/Kg		97	70 - 130
Toluene	0.100	0.09402		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09440		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.2156		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1049		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-20526/2-A

Matrix: Solid

Analysis Batch: 20577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20526

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	6	35
Toluene	0.100	0.09946		mg/Kg		99	70 - 130	6	35
Ethylbenzene	0.100	0.1007		mg/Kg		101	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2324		mg/Kg		116	70 - 130	7	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-2009-A-3-G MS

Matrix: Solid

Analysis Batch: 20577

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.0498	U F1	0.101	0.8104	F1	mg/Kg		804	70 - 130
Toluene	<0.0498	U F1 F2	0.101	1.626	F1	mg/Kg		1613	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-2009-A-3-G MS

Matrix: Solid

Analysis Batch: 20577

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.0498	U F1 F2	0.101	2.379	F1	mg/Kg		2360	70 - 130
m-Xylene & p-Xylene	<0.0996	U F1 F2	0.202	9.133	F1	mg/Kg		4530	70 - 130
o-Xylene	<0.0498	U F1 F2	0.101	4.163	F1	mg/Kg		4130	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	72		70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

Lab Sample ID: 890-2009-A-3-H MSD

Matrix: Solid

Analysis Batch: 20577

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 20526

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.0498	U F1	0.0996	0.9509	F1	mg/Kg		955	70 - 130	16	35
Toluene	<0.0498	U F1 F2	0.0996	2.505	F1 F2	mg/Kg		2515	70 - 130	43	35
Ethylbenzene	<0.0498	U F1 F2	0.0996	3.505	F1 F2	mg/Kg		3519	70 - 130	38	35
m-Xylene & p-Xylene	<0.0996	U F1 F2	0.199	15.01	F1 F2	mg/Kg		7534	70 - 130	49	35
o-Xylene	<0.0498	U F1 F2	0.0996	7.358	F1 F2	mg/Kg		7387	70 - 130	55	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	75		70 - 130

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

Lab Sample ID: MB 880-20541/1-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/28/22 16:41	02/28/22 23:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/28/22 16:41	02/28/22 23:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/28/22 16:41	02/28/22 23:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	02/28/22 16:41	02/28/22 23:19	1
o-Terphenyl	125		70 - 130	02/28/22 16:41	02/28/22 23:19	1

Lab Sample ID: LCS 880-20541/2-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1115		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	958.8		mg/Kg		96	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-20541/2-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20541

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-20541/3-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20541

			Spike	LCSD	LCSD				%Rec.			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	997.6		mg/Kg		100	70 - 130	4	20	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: 880-11774-1 MS

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: SW-12 (8.5')

Prep Type: Total/NA

Prep Batch: 20541

	Sample	Sample	Spike	MS	MS				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1167		mg/Kg		114	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	965.6		mg/Kg		97	70 - 130			

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-11774-1 MSD

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: SW-12 (8.5')

Prep Type: Total/NA

Prep Batch: 20541

	Sample	Sample	Spike	MSD	MSD				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1094		mg/Kg		107	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	937.8		mg/Kg		94	70 - 130	3	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	91		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20486/1-A

Matrix: Solid

Analysis Batch: 20554

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/28/22 19:57	1

Lab Sample ID: LCS 880-20486/2-A

Matrix: Solid

Analysis Batch: 20554

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	242.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-20486/3-A

Matrix: Solid

Analysis Batch: 20554

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	242.6		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-11774-3 MS

Matrix: Solid

Analysis Batch: 20554

Client Sample ID: SW-14 (8.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.95	U	248	248.0		mg/Kg		99	90 - 110

Lab Sample ID: 880-11774-3 MSD

Matrix: Solid

Analysis Batch: 20554

Client Sample ID: SW-14 (8.5')

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	248.5		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
 SDG: Eddy Co, NM

GC VOA

Prep Batch: 20526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Total/NA	Solid	5035	
880-11774-2	SW-13 (8.5')	Total/NA	Solid	5035	
880-11774-3	SW-14 (8.5')	Total/NA	Solid	5035	
MB 880-20526/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20526/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20526/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2009-A-3-G MS	Matrix Spike	Total/NA	Solid	5035	
890-2009-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 20577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Total/NA	Solid	8021B	20526
880-11774-2	SW-13 (8.5')	Total/NA	Solid	8021B	20526
880-11774-3	SW-14 (8.5')	Total/NA	Solid	8021B	20526
MB 880-20526/5-A	Method Blank	Total/NA	Solid	8021B	20526
LCS 880-20526/1-A	Lab Control Sample	Total/NA	Solid	8021B	20526
LCSD 880-20526/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20526
890-2009-A-3-G MS	Matrix Spike	Total/NA	Solid	8021B	20526
890-2009-A-3-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20526

Analysis Batch: 20648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Total/NA	Solid	Total BTEX	
880-11774-2	SW-13 (8.5')	Total/NA	Solid	Total BTEX	
880-11774-3	SW-14 (8.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 20405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Total/NA	Solid	8015B NM	20541
880-11774-2	SW-13 (8.5')	Total/NA	Solid	8015B NM	20541
880-11774-3	SW-14 (8.5')	Total/NA	Solid	8015B NM	20541
MB 880-20541/1-A	Method Blank	Total/NA	Solid	8015B NM	20541
LCS 880-20541/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20541
LCSD 880-20541/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20541
880-11774-1 MS	SW-12 (8.5')	Total/NA	Solid	8015B NM	20541
880-11774-1 MSD	SW-12 (8.5')	Total/NA	Solid	8015B NM	20541

Prep Batch: 20541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Total/NA	Solid	8015NM Prep	
880-11774-2	SW-13 (8.5')	Total/NA	Solid	8015NM Prep	
880-11774-3	SW-14 (8.5')	Total/NA	Solid	8015NM Prep	
MB 880-20541/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20541/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20541/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11774-1 MS	SW-12 (8.5')	Total/NA	Solid	8015NM Prep	
880-11774-1 MSD	SW-12 (8.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
 SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 20634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Total/NA	Solid	8015 NM	
880-11774-2	SW-13 (8.5')	Total/NA	Solid	8015 NM	
880-11774-3	SW-14 (8.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 20486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Soluble	Solid	DI Leach	
880-11774-2	SW-13 (8.5')	Soluble	Solid	DI Leach	
880-11774-3	SW-14 (8.5')	Soluble	Solid	DI Leach	
MB 880-20486/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20486/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20486/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-11774-3 MS	SW-14 (8.5')	Soluble	Solid	DI Leach	
880-11774-3 MSD	SW-14 (8.5')	Soluble	Solid	DI Leach	

Analysis Batch: 20554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11774-1	SW-12 (8.5')	Soluble	Solid	300.0	20486
880-11774-2	SW-13 (8.5')	Soluble	Solid	300.0	20486
880-11774-3	SW-14 (8.5')	Soluble	Solid	300.0	20486
MB 880-20486/1-A	Method Blank	Soluble	Solid	300.0	20486
LCS 880-20486/2-A	Lab Control Sample	Soluble	Solid	300.0	20486
LCSD 880-20486/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20486
880-11774-3 MS	SW-14 (8.5')	Soluble	Solid	300.0	20486
880-11774-3 MSD	SW-14 (8.5')	Soluble	Solid	300.0	20486

Lab Chronicle

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Client Sample ID: SW-12 (8.5')

Lab Sample ID: 880-11774-1

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

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	20526	03/01/22 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20577	03/01/22 20:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20648	03/01/22 21:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20634	03/01/22 19:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20541	02/28/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20405	03/01/22 00:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	20486	02/28/22 17:18	SC	XEN MID
Soluble	Analysis	300.0		1			20554	02/28/22 22:10	SC	XEN MID

Client Sample ID: SW-13 (8.5')

Lab Sample ID: 880-11774-2

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

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	20526	03/01/22 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20577	03/01/22 21:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20648	03/01/22 21:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20634	03/01/22 19:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20541	02/28/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20405	03/01/22 01:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	20486	02/28/22 17:18	SC	XEN MID
Soluble	Analysis	300.0		1			20554	02/28/22 22:19	SC	XEN MID

Client Sample ID: SW-14 (8.5')

Lab Sample ID: 880-11774-3

Date Collected: 02/25/22 00:00

Matrix: Solid

Date Received: 02/28/22 13:50

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	20526	03/01/22 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20577	03/01/22 21:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20648	03/01/22 21:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20634	03/01/22 19:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20541	02/28/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20405	03/01/22 01:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	20486	02/28/22 17:18	SC	XEN MID
Soluble	Analysis	300.0		1			20554	02/28/22 22:28	SC	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Dirty Frozen Fed Com 3 (01.14.22)

Job ID: 880-11774-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11774-1	SW-12 (8.5')	Solid	02/25/22 00:00	02/28/22 13:50
880-11774-2	SW-13 (8.5')	Solid	02/25/22 00:00	02/28/22 13:50
880-11774-3	SW-14 (8.5')	Solid	02/25/22 00:00	02/28/22 13:50

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[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-11774-1

SDG Number: Eddy Co, NM

Login Number: 11774

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 96103

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 96103
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/20/2022