

SITE INFORMATION

Closure Report
Stratocaster 20 Federal Com 004H (04.27.23)
Incident #: NAPP2314251662
Lea County, New Mexico
Unit I Sec 20 T23S R34E
32.2876°, -103.4859°

Crude Oil Release

Point of Release: Flare spray due to free water knock out overfill

Release Date: 04.27.23

Volume Released: 0.35 Barrels of Crude Oil Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES

Prepared for: COG Operating, LLC 600 W Illinois Ave Midland, Texas 79701

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



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EXCAVATION

August 11, 2023

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

Re: Closure Report

Stratocaster 20 Federal 004H (04.27.23)

Concho Operating, LLC

Site Location: Unit I, S20, T23S, R34E

(Lat 32.2876°, Long -103.4859°) Lea 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 assessment activities for the Stratocaster 20 Federal 004H. The site is located at 32.2876, -103.4859 within Unit I, S20, T23S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 27, 2023, due to a free water knockout overfilling, causing oil to be sprayed out of the flare. It resulted in approximately zero point three five (0.35) barrels of crude oil and zero (0) barrels of crude oil recovered. The impacted area occurred on the pad and misted into the pasture, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is approximately 1.60 miles northeast of the site in S16, T23S, R34E and was drilled in 2018. The well has a reported depth to groundwater of 200 feet below the ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On May 23, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 0.5' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum



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

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 1, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of twenty-seven (27) confirmation floor samples were collected (CS-1 through CS-27), and ten (10) sidewall samples (SW-1 through SW-10) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

The areas of CS-12, CS-20, & CS-22 showed elevated TPH concentrations of 120 mg/kg, 119 mg/kg, & 177 mg/kg, respectively. Those areas were excavated an additional 0.5' to ensure the proper removal of the contaminated soils, and confirmation samples were recollected.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 160 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

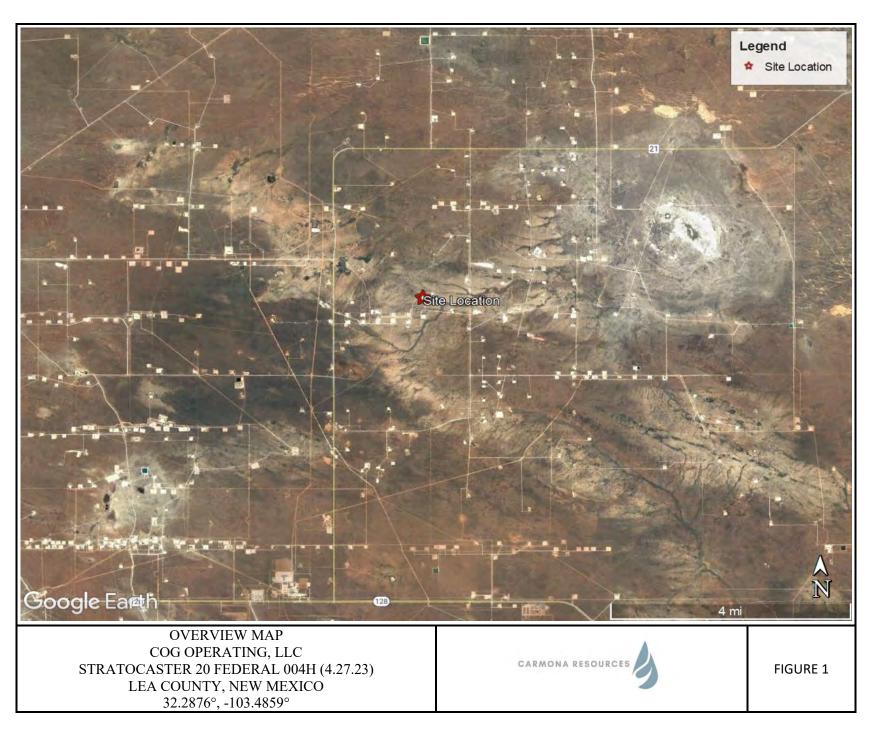
Mike Carmona

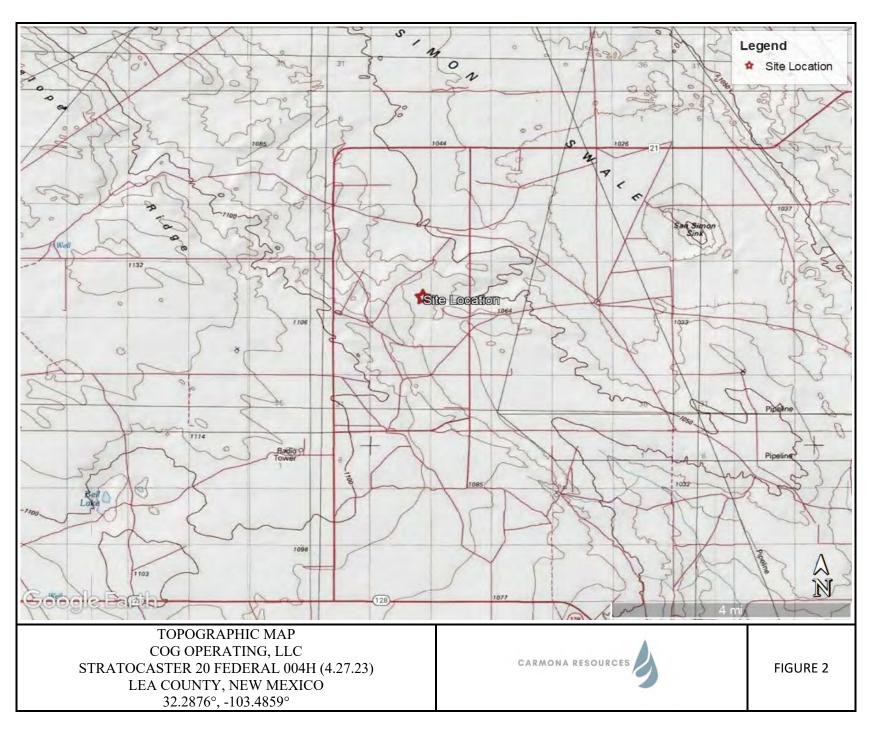
Environmental Manager

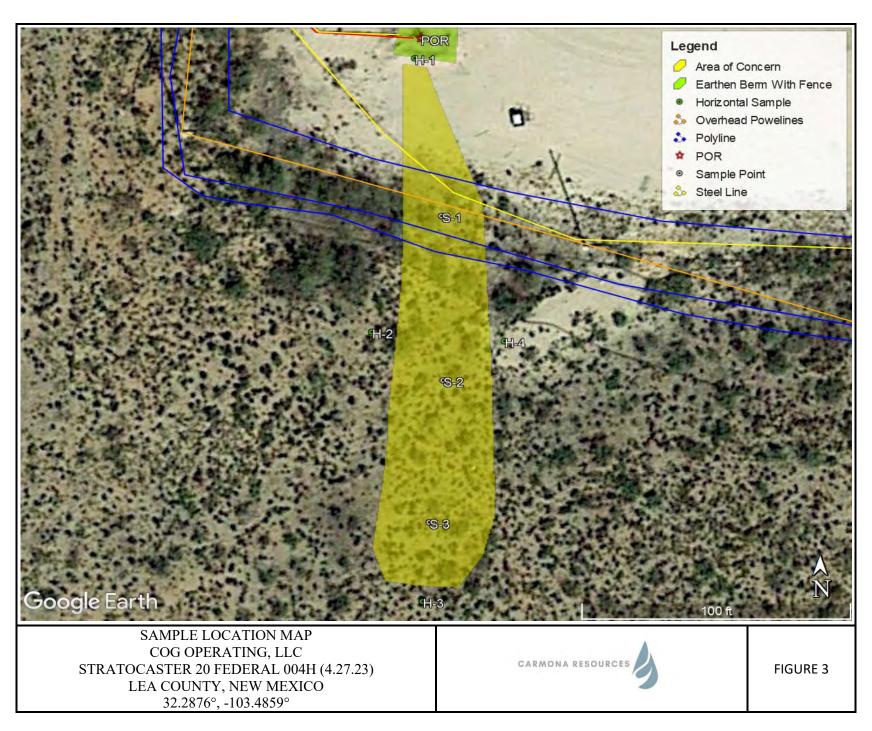
Conner Moehring Sr. Project Manager

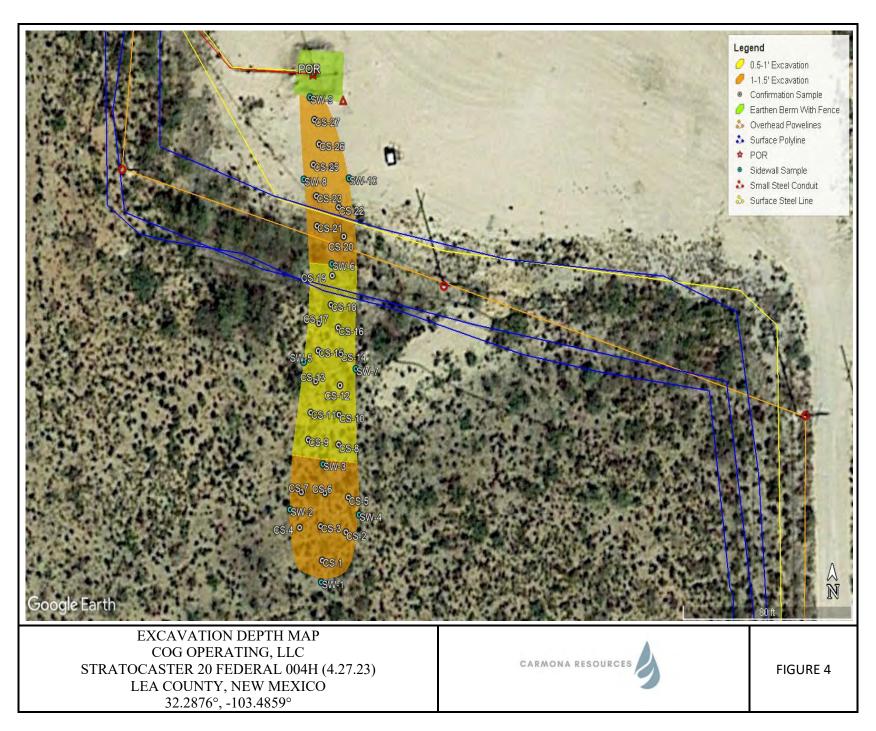
FIGURES

CARMONA RESOURCES









APPENDIX A

CARMONA RESOURCES

Table 1 **COG Operating** Stratocaster 20 Federal 004H (4.27.23) Lea County, New Mexico

Sample ID	Date	Donath (f4)		TPŀ	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1	5/23/2023	0-0.25	<49.9	841	170	1,010	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	59.9
3-1	"	0.5	<49.8	332	79.1	411	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.0
S-2	5/23/2023	0-0.25	<49.8	150	<49.8	150	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	41.8
3-2	"	0.5	<49.9	100	<49.9	100	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	38.6
S-3	5/23/2023	0-0.25	<49.9	246	51.3	297	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	47.0
3-3	"	0.5	<50.0	178	<50.0	178	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	45.3
H-1	5/23/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.4
H-2	5/23/2023	0-0.7	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	36.6
H-3	5/23/2023	0-0.9	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.1
H-4	5/23/2023	0-0.11	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	37.2
	ry 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) Soil Sample

(H) Horizontal Sample

Removed

Table 2 COG Operating Stratocaster 20 Federal 004H (4.27.23) Lea County, New Mexico

Sample ID	Date	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-3	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-5	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-8	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-12	8/7/2023	0.5	<10.0	86.9	32.7	120	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-13	8/7/2023	0.5	<10.0	12.1	<10.0	12.1	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	8/7/2023	0.5	<10.0	19.2	<10.0	19.2	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-16	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-17	8/7/2023	0.5	<10.0	39.5	23.0	62.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-18	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-19	8/7/2023	0.5	<10.0	17.1	<10.0	17.1	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-20	8/7/2023	1.0	<10.0	82.3	36.6	119	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-21	8/7/2023	1.0	<10.0	20.4	10.3	30.7	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-22	8/7/2023	1.0	<10.0 <10.0	109 <10.0	68.0 <10.0	177 <10.0	<0.050	<0.050 <0.050	<0.050	<0.150	<0.300	16.0 48.0
00.00	8/8/2023	1.5					<0.050		<0.050	<0.150	<0.300	
CS-23	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-24	8/7/2023	1.0	<10.0	18.3	<10.0	18.3	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-25	8/7/2023	1.0	<10.0	14.2	<10.0	14.2	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-26	8/7/2023	1.0	<10.0	16.4	<10.0	16.4	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-27	8/7/2023	1.0	<10.0	22.9	<10.0	22.9 100 mg/kg	<0.050	<0.050	<0.050	<0.150	<0.300 50 mg/kg	32.0
	ry Criteria A					Too nig/kg	10 mg/kg				30 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 Smaple
Removed

Table 2
COG Operating
Stratocaster 20 Federal 004H (4.27.23)
Lea County, New Mexico

Comple ID	Doto	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)) (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-2	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-3	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-7	8/7/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-8	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-9	8/7/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-10	8/7/2023	1.0	<10.0	41.0	18.5	59.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	ry Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Stratocaster 20 Federal 004H

(04.27.23)

County: Lea County, New Mexico

Description:

View Southwest, area of CS-1 through CS-7.



Photograph No. 2

Facility: Stratocaster 20 Federal 004H

(04.27.23)

County: Lea County, New Mexico

Description:

View Northwest, area of CS-8 and CS-11.



Photograph No. 3

Facility: Stratocaster 20 Federal 004H

(04.27.23)

County: Lea County, New Mexico

Description:

View North, area of CS-12 through CS-17.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Stratocaster 20 Federal 004H

(04.27.23)

County: Lea County, New Mexico

Description:

View Southwest, area of CS-20 through CS-22.



Photograph No. 5

Facility: Stratocaster 20 Federal 004H

(04.27.23)

County: Lea County, New Mexico

Description:

View South, area of CS-20 through CS-26.



Photograph No. 6

Facility: Stratocaster 20 Federal 004H

(04.27.23)

County: Lea County, New Mexico

Description:

View Northwest, area of CS-18 through CS-26.



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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID	OGRID				
Contact Nam	ie			Contact	Contact Telephone				
Contact emai	i1			Incident	Incident # (assigned by OCD)				
Contact mail:	ing address			· · · · · · · · · · · · · · · · · · ·					
			Location	of Release	Source				
Latitude				Longitud	e				
			(NAD 83 in dec	cimal degrees to 5 de	ecimal places)				
Site Name				Site Typ	e				
Date Release	Discovered			API# (if	applicable)				
Unit Letter	Section	Township	Range	Co	ounty				
Onit Detter	Section	Township	Runge		, diffy	+			
Surface Owner	r: State	☐ Federal ☐ Tr	ribal Private (I	Name:)			
			Nature and	d Volume of	f Release				
Crude Oil		l(s) Released (Select al Volume Release		calculations or speci	Volume Reco	e volumes provided below) overed (bbls)			
Produced	Water	Volume Release	` ,		Volume Reco	` '			
			ion of dissolved c	hloride in the	☐ Yes ☐ N	, ,			
		produced water							
Condensa	te	Volume Release	d (bbls)		Volume Reco	overed (bbls)			
Natural G	as	Volume Release	d (Mcf)		Volume Reco	overed (Mcf)			
Other (describe) Volume/Weight Released (provide units			e units)	Volume/Weight Recovered (provide units)					
Cause of Rele	ease								

Received by OCD: 8/15/2023 8:53:46 AM State of New Mexico
Page 2 Oil Conservation Division

P	agi	e d	9 e	of	138	

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respo	nsible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ☐ No		
If VES, was immediate no	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?
II 125, was ininectate ne	since given to the OCD. By whom: To w	when and by what means (phone, eman, etc).
	Initial R	esponse
The responsible p	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area has	s been secured to protect human health and	the environment.
Released materials ha	we been contained via the use of berms or	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach a	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environm failed to adequately investigations.	required to report and/or file certain release not ment. The acceptance of a C-141 report by the of ate and remediate contamination that pose a through	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name		Title:
Signature:	tan Esparge	Date:
	2.02.	Telephone:
OCD Only		
Received by:Jocely	yn Harimon	Date: 05/23/2023
		

L48 Spill Volume Estimate Form - Fill In Gray Cells Received by OCD: 8/15/2023 8:53:46 AM action of the second of the se Release Discovery Date & Time: 4-27-23 @ 12:50AM TEST KO WATER DUMP WAS WASHED OUT SO I SWITCHED PRODUCTION TO THE PRODUCTION KO. I SET THE OIL DUMP AND WATCHED IT DUMP Provide any known details about the event: TWICE AND LEFT IT. NIGHT OPERATER DISCOVERED IT AND CALLED ME. I HAD HIM SHUT DOWN PUMPING UNITS AND SHUT IN BOTH WELLS TO BATTERY Recovered Volume (bbl.) (if Method of > 1/2" of Rain in Last 24 Hours % Rainwater Recovered (not included available, not included in Determination Release Type (dropdown): (dropdown): in volume calculations, informational): volume calculations) (dropdown) DBE - Asset Avg. BU: Field Measurement Oil No 0% Permian Asset Area: 0 Known Volume (dropdown) No Known Area (dropdown) No Spill Calculation - Subsurface Spill - Rectangle Remediation Recommendation Total Estimated Current Rule of On/Off Soil Spilled-Fluid Convert Irregular shape Estimated volume of each Total Estimated Contaminated Average Width Thumb - RMR Length into a series of Pad Soil. Depth Saturation Volume of Spill Handover Volume. (ft.) rectangles (dropdown) (%.) (bbl.) (bbl.) uncompacted. (in.) (yd3.) 25% (yd3. Rectangle A 200.0 50.0 0.0 Off-Pad~ 15.02% 0.60 2.31 0.35 Rectangle B 10.50% 0.00 0.00 On-PadY 0.00 On-PadY 10.50% 0.00 0.00 Rectangle C 0.00 0.00 0.00 Rectangle D 0.00 Rectangle E V 0.00 750 Rectangle F 0.00 0.00 V 0.00 0.00 Rectangle G Rectangle H ~ 0.00 0.00 0.00 0.00 Released to Imaging: 11/29/2023 2:50:02 PM 0.00 0.00 BU Total Subsurface Volume Released: 0.35 0.60

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 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 219424

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	219424
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jharimon	None	5/23/2023

Received by OCD: 8/15/2023 8:53:46 AM State of New Mexico
Page 3 Oil Conservation Division

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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?							
Are the lateral extents of the release overlying an unstable area such as karst geology?							
Are the lateral extents of the release within a 100-year floodplain?							
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 soi 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 well 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	ls.						

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.

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	Page 23 of 1.	38
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: Jacob Laird								
email:	Telephone:							
OCD Only								
Received by: Shelly Wells	Date: <u>8/15/2023</u>							

Received by OCD: 8/15/2023	8 8:53:46 AM
Form C-141	State of New Mexico
Page 6	Oil Conservation Division

	Page 24 of 138
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										
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and remuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the confidence with 19.15.29.13 NMAC including notification to the O	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially notitions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.									
Printed Name:										
Signature: <u>Jacob Laird</u>	Date:									
email:	Telephone:									
OCD Only										
Received by: Shelly Wells	Date: 8/15/2023									
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.									
Closure Approved by: Velson Velez Printed Name: Nelson Velez	Date:11/29/2023									
Printed Name: Nelson Velez	Title: Environmental Specialist - Adv									

From: Wells, Shelly, EMNRD

Sent: Tuesday, August 1, 2023 4:57 PM

To: Conner Moehring

Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD

Subject: RE: [EXTERNAL] COG - Stratocaster 20 Federal 004H (04.27.23) - NAPP2314251662 - Sampling

Notification

Hi Connor,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced Administrative Permitting Program EMNRD-Oil Conservation Division 1220 S. St. Francis Drive | Santa Fe, NM 87505 (505)469-7520 | Shelly. Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Conner Moehring < Cmoehring@carmonaresources.com>

Sent: Tuesday, August 1, 2023 3:30 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Mike Carmona < Mcarmona@carmonaresources.com >; Devin Dominguez

<Ddominguez@carmonaresources.com>; Laird, Jacob <Jacob.Laird@conocophillips.com>

Subject: [EXTERNAL] COG - Stratocaster 20 Federal 004H (04.27.23) - NAPP2314251662 - Sampling

Notification

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

Good Afternoon,

This email serves as a notification for confirmation sampling on the Stratocaster 20 Federal 004H (04.27.23). Sampling is scheduled to begin on Monday, August 7th, around 8:00 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. NAPP2314251662

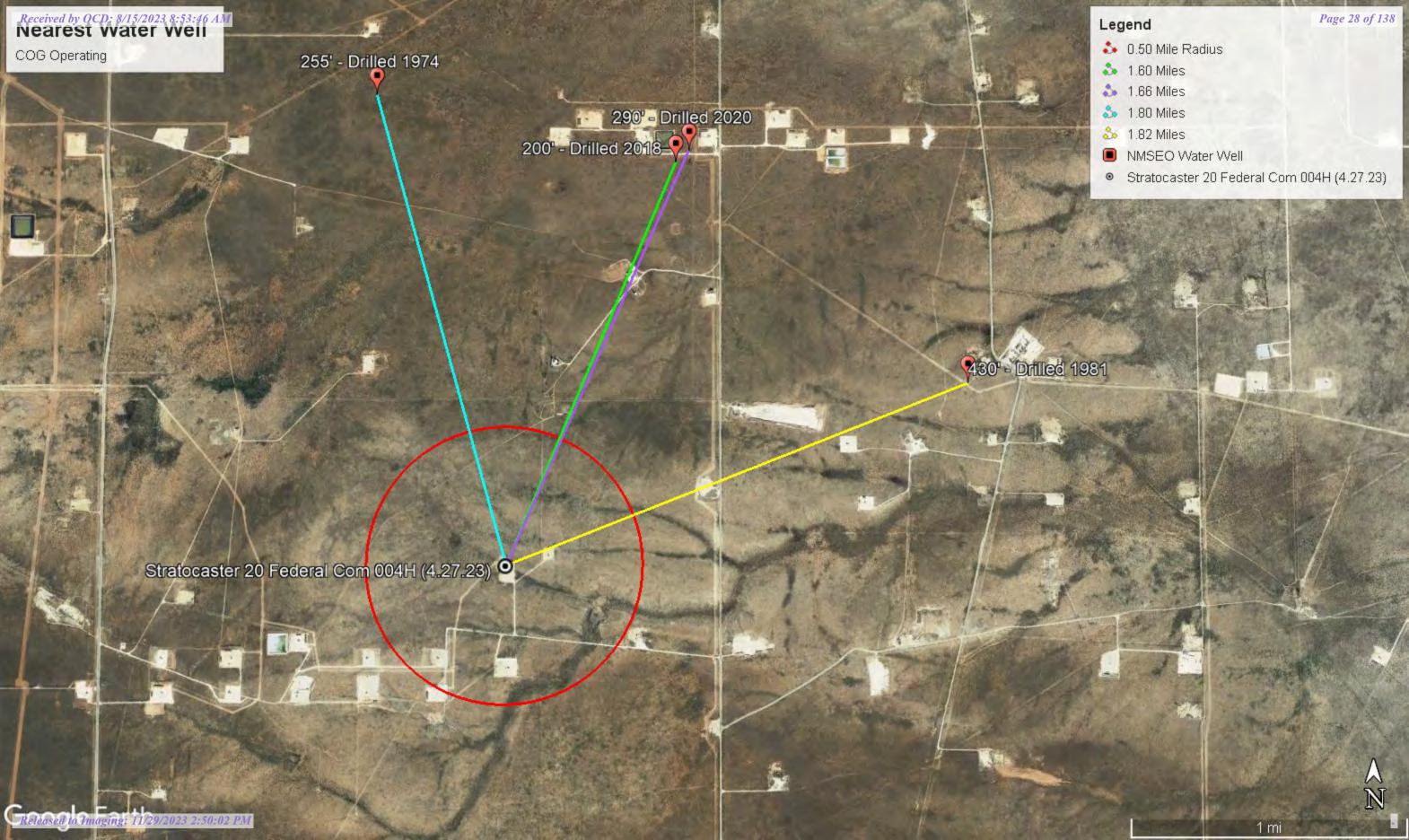
Please call if you have any questions or comments.

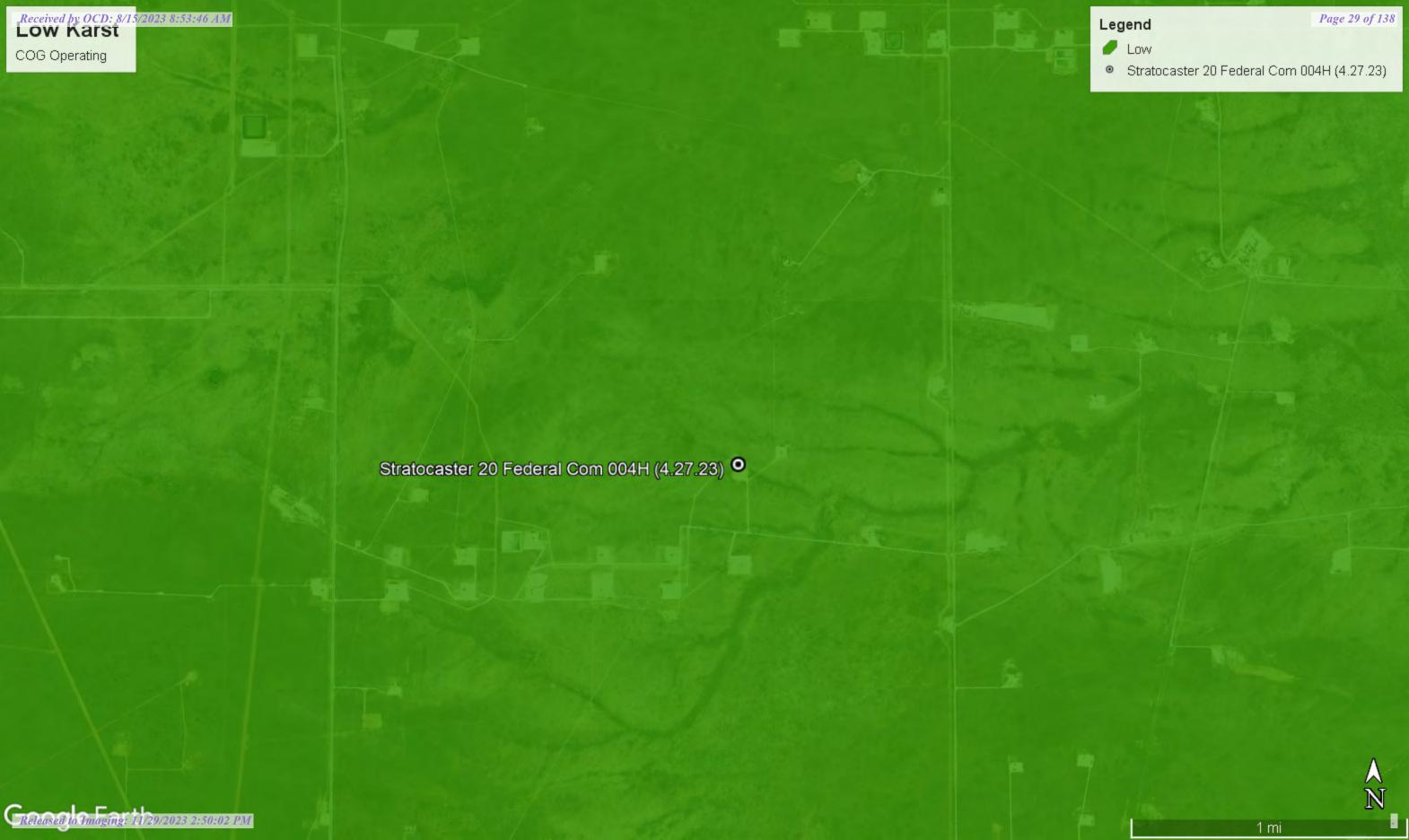
Conner R. Moehring 310 West Wall Street, Suite 500 Midland Texas, 79701 M: 432-813-6823 Cmoehring@carmonaresources.com



APPENDIX D

CARMONA RESOURCES







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)

water right me.	ciosca)	(9	1				00	it to largo	J., (11)	1200 0 1 111 111 1110	,	(
	POD Sub-		-	Q (-	Depth	
POD Number	Code basin C	ounty	64	16	4 S	ec 1	Гws	Rng	X	Υ	Distance	Well	Water	Column
C 04667 POD1	CUB	LE	3	4	3 2	20 2	23S	34E	641770	3572915 🌍	969			
CP 01258 POD3	СР	LE	1	4	3 2	22 2	23S	34E	644938	3573097 🌍	2370	25		
CP 01258 POD2	СР	LE	1	4	3 2	22 2	23S	34E	644941	3572883 🌍	2413	65		
CP 01258 POD1	СР	LE	1	4	3 2	22 2	23S	34E	645015	3573221 🎒	2432	25		
CP 01730 POD1	СР	LE	2	2	1 '	16 2	23S	34E	643549	3575824 🌍	2577	594	200	394
CP 01760 POD1	СР	LE	3	1	2 ′	16 2	23S	34E	643627	3575897 🌍	2674	767	290	477
CP 00556 POD1	СР	LE	4	4	3 (08 2	23S	34E	641762	3576206 🌍	2895	497	255	242
<u>CP 00637</u>	СР	LE	3	3	4 ′	15 2	23S	34E	645293	3574541*	2920	430	430	0
<u>CP 00618</u>	СР	LE	1	2	4 2	22 2	23S	34E	645713	3573539*	3123	428	295	133
C 04353 POD1	CUB	ED	4	2	2 2	24 2	23S	33E	639474	3574098 🎒	3187	603	330	273
C 03620 POD1	CUB	LE	1	4	3 3	32 2	23S	34E	641790	3569941 🌍	3581	480	130	350
CP 01886 POD1	СР	LE	4	1	4 (07 2	23S	34E	640646	3576545 🌍	3671			
CP 01785 POD1	СР	LE	4	1	3 ′	14 2	23S	34E	646203	3575003 🌍	3939	488	245	243
<u>CP 00580</u>	СР	LE	3	4	3 2	23 2	23S	34E	646524	3572948* 🎒	3962	220		
C 04282 POD1	С	LE	1	2	1 (05 2	24S	34E	641662	3569541 🌍	3999	574	390	184
CP 01120 POD1	СР	LE	2	3	3 ′	14 2	23S	34E	646366	3574753 🎒	3999	397	318	79

Average Depth to Water:

288 feet

Minimum Depth:

130 feet

Maximum Depth:

430 feet

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 642591 **Northing (Y):** 3573432 **Radius:** 4000

*UTM location was derived from PLSS - see Help

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

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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)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Drill Start Date:

Casing Size:

Q64 Q16 Q4 Sec Tws Rng

X

NA

CP 01730 POD1

16 23S 34E 643549 3575824

Plug Date:

ELITE DRILLERS CORPORATION

Driller License: 1706 **Driller Company: Driller Name:**

7.60

WALLACE, BRYCE J.

10/31/2018

Drill Finish Date: 11/05/2018

Log File Date: 12/13/2018 **PCW Rcv Date: Pump Type:**

Source: Artesian

Pipe Discharge Size: **Estimated Yield:** 320 GPM Depth Well: 594 feet **Depth Water:** 200 feet

Water F	Bearing Stratifications:	Тор	Bottom	Description
		290	320	Sandstone/Gravel/Conglomerate
		320	350	Sandstone/Gravel/Conglomerate
		350	440	Sandstone/Gravel/Conglomerate
		440	490	Sandstone/Gravel/Conglomerate
		490	530	Sandstone/Gravel/Conglomerate
		530	550	Sandstone/Gravel/Conglomerate
		550	570	Sandstone/Gravel/Conglomerate
		570	580	Sandstone/Gravel/Conglomerate
	Casing Perforations:	Тор	Bottom	

294 594

Meter Number: 20209

Meter Make:

SEAMETRICS

Meter Serial Number: 042018001201 **Meter Multiplier:** 1.0000 8 **Number of Dials: Meter Type:** Diversion

Unit of Measure: Barrels 42 gal. **Return Flow Percent:**

Usage Multiplier: Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
01/07/2021	2021	144453	A	ad	0
02/05/2021	2021	144453	A	ad	0
08/02/2021	2021	144453	A	ad	0
09/01/2021	2021	144453	A	ad	0
10/05/2021	2021	144453	A	ad	0
11/04/2021	2021	144453	A	ad	0
12/13/2021	2021	144453	A	ad	0
01/01/2022	2022	144453	A	ad	0
02/08/2022	2022	144453	A	ad	0
03/02/2022	2022	144453	A	ad	0
04/01/2022	2022	144453	A	ad	0
05/06/2022	2022	144453	A	ad	0
06/07/2022	2022	144453	A	ad	0

				v
**YTD Met	ter Amounts:	Year 2021		Amount 0
11/10/2022		144453	A	ad
10/10/2022	2022	144453	٨	ad
09/05/2022	2022	144453	A	ad
	2022	144453	A	ad

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5/31/23 1:37 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng NA CP 01760 POD1 16

X 643627

3575897

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION

Driller Name: WALLACE, BRYCE J.LEE.NER

Drill Start Date: 02/01/2020 **Drill Finish Date:** 03/15/2020 Plug Date:

Log File Date: 04/09/2020 **PCW Rcv Date:** Source: Artesian **Pump Type:** Pipe Discharge Size: **Estimated Yield:** 80 GPM **Casing Size:** 8.00 Depth Well: 767 feet Depth Water: 290 feet

Water Bearing Stratifications:	Top	Bottom	Description
	285	320	Sandstone/Gravel/Conglomerate
	320	350	Shale/Mudstone/Siltstone
	350	445	Sandstone/Gravel/Conglomerate
	445	495	Shale/Mudstone/Siltstone
	495	530	Sandstone/Gravel/Conglomerate
	530	555	Sandstone/Gravel/Conglomerate
	555	570	Sandstone/Gravel/Conglomerate
	570	585	Sandstone/Gravel/Conglomerate
	585	600	Shale/Mudstone/Siltstone
	600	630	Shale/Mudstone/Siltstone
	630	660	Sandstone/Gravel/Conglomerate
	660	710	Sandstone/Gravel/Conglomerate
	710	750	Limestone/Dolomite/Chalk
Casing Perforations:	Тор	Bottom	
	567	767	
x			

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, or suitability for any particular purpose of the data.

POINT OF DIVERSION SUMMARY 5/31/23 1:39 PM



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X

CP 00556 POD1

23S

641762 3576206

Driller License:

Driller Company:

ABBOTT BROTHERS COMPANY

Driller Name: ABBOTT, MURRELL

Drill Start Date: 09/27/1974 **Drill Finish Date:**

10/17/1974 **Plug Date:**

Log File Date:

10/25/1974

PCW Rcv Date:

Shallow

Pump Type:

Pipe Discharge Size:

Source:

Estimated Yield: 28 GPM

Casing Size:

7.00

Depth Well:

255

497 feet

497 Other/Unknown

Depth Water:

255 feet

Water Bearing Stratifications:

Bottom Description Top

Casing Perforations:

Bottom Top

397 497

Meter Number: Meter Serial Number:

162038091

8511

Meter Make: **Meter Multiplier:** MASTER 1.0000

Number of Dials:

Meter Type:

Diversion

Unit of Measure:

Gallons

Return Flow Percent:

Usage Multiplier:

Reading Frequency:

Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
08/20/2004	2004	42932	A	jw	0
12/04/2004	2004	52692	A	jw	2.995
06/06/2014	2014	301111	A	RPT	0
10/01/2014	2014	42846900	A	RPT Changeout 6-6-14	0
12/31/2014	2014	52078300	A	RPT	28.330
01/01/2015	2015	52078300	A	RPT	0
02/01/2015	2015	54551900	A	RPT	7.591
03/27/2015	2015	8539300	A	RPT Changeout 3-27-15	0
03/27/2015	2015	58752900	A	RPT	12.892
04/30/2015	2015	11420700	A	RPT	8.843
05/31/2015	2015	14304800	A	RPT	8.851
07/01/2015	2015	17059300	A	RPT	8.453
08/01/2015	2015	19766900	A	RPT	8.309
01/01/2016	2016	29255500	A	RPT	29.119
02/01/2016	2016	29935100	A	RPT	2.086
03/02/2016	2016	29935100	A	RPT	0
04/01/2016	2016	29935100	A	RPT	0
05/01/2016	2016	29935100	A	RPT	0
06/01/2016	2016	30608200	A	RPT	2.066
07/01/2016	2016	30608200	A	RPT	0

		•		,,
08/01/2016	2016	35219100	A	RPT
09/01/2016	2016	37237600	A	RPT
10/01/2016	2016	39565700	A	RPT
11/01/2016	2016	41758893	A	RPT
12/01/2016	2016	42681000	A	RPT
12/31/2016	2016	44051528	A	RPT
01/31/2017	2017	44051556	A	RPT
02/28/2017	2017	45103057	A	RPT
03/31/2017	2017	47434243	A	RPT
04/30/2017	2017	48896700	A	RPT
05/31/2017	2017	51591700	A	RPT
06/30/2017	2017	54128300	A	RPT
07/31/2017	2017	55958997	A	RPT
08/14/2017	2017	56239094	A	RPT
08/14/2017	2017	0	A	RPT
08/21/2017	2017	592800	A	RPT
09/30/2017	2017	593300	A	RPT
10/31/2017	2017	2259200	A	RPT
11/30/2017	2017	3589700	A	RPT
12/31/2017	2017	5014800	A	RPT
01/31/2018	2018	6071400	A	RPT
02/28/2018	2018	6484000	A	RPT
03/31/2018	2018	8664100	A	RPT
05/31/2018	2018	12408500	A	RPT
10/31/2018	2018	21487685	A	RPT
11/30/2018	2018	21487685	A	RPT
03/31/2019	2019	21487685	A	RPT
04/30/2019	2019	21487685	A	RPT
***YTD Meter Amounts:		Year		Amount
		2004		2.995
		2014		28.330
		2015		54.939
		2016		74.528
		2017		52.792
		2018		50.553
		2019		0

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5/31/23 1:41 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

CP 00637

15

X 645293 3574541*

Driller License: 729

Driller Company:

WHELLER, RAY DRILLING CO.

Driller Name:

WHEELER, RONALD R

Drill Start Date:

07/06/1981

Drill Finish Date:

07/09/1981

Plug Date:

Shallow

Log File Date:

07/16/1981

PCW Rcv Date:

Pump Type:

Pipe Discharge Size:

Source: **Estimated Yield:**

100 GPM

Casing Size:

7.00

Depth Well:

430 feet

Depth Water:

430 feet

Water Bearing Stratifications:

Bottom Description Top

400

425 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top 400 **Bottom** 430

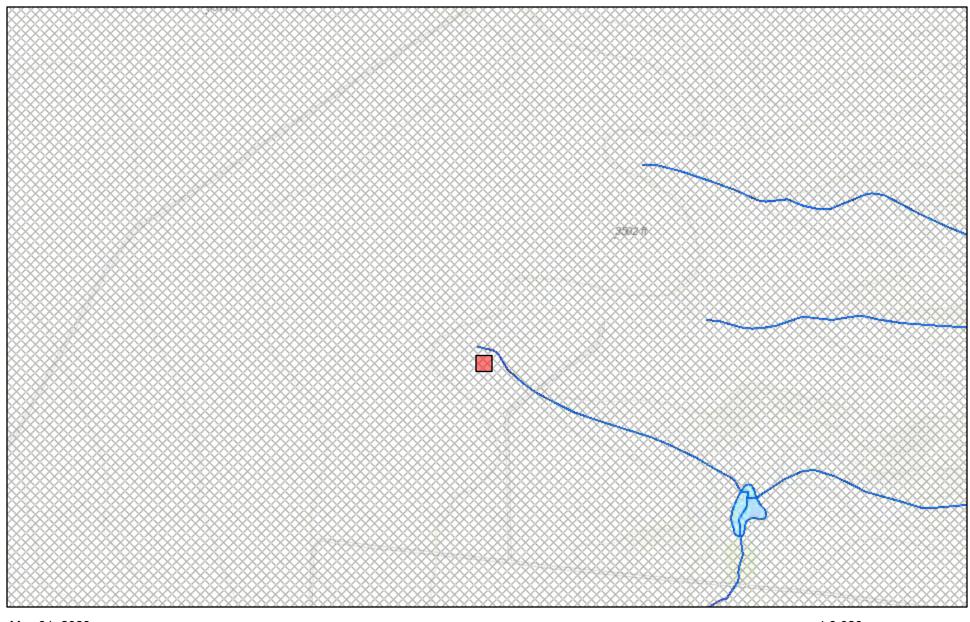
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/31/23 1:42 PM

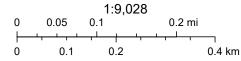
POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help

New Mexico NFHL Data



May 31, 2023



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

APPENDIX E

CARMONA RESOURCES

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/1/2023 8:43:37 AM

JOB DESCRIPTION

Stratocaster 20 Fed 2&4 (4.27.23) SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-28852-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 6/1/2023 8:43:37 AM

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

3

4

6

7

0

10

12

13

14

Client: Carmona Resources Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) Laboratory Job ID: 880-28852-1 SDG: Lea County, New Mexico

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Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	16
Lab Chronicle	19
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

0	

Definitions/Glossary

Client: Carmona Resources Job ID: 880-28852-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

SDG: Lea County, New Mexico

Qualifiers

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

LIDL CIIC

RL

RPD

TEF

TEQ

TNTC

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.
n	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)

Eurofins Midland

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

Job ID: 880-28852-1

Case Narrative

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

SDG: Lea County, New Mexico

Job ID: 880-28852-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-28852-1

Receipt

The samples were received on 5/26/2023 1:04 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 1.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-28852-1), H-2 (0-0.5') (880-28852-2), H-3 (0-0.5') (880-28852-3) and H-4 (0-0.5') (880-28852-4).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-54318/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-54318 and analytical batch 880-54336 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-54318 and analytical batch 880-54336 recovered outside control limits for the following analytes: Benzene.

Method 8021B: The CCV was biased low for ethylbenzene, toluene, o-xylene, and m,p-xylenes. Another CCV was analyzed and acceptable within the method specified 12 hour window; therefore, the data was qualified and reported. (CCV 880-54444/33)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-54428 and analytical batch 880-54444 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-54267 and analytical batch 880-54316 was outside the upper control limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-54268 and analytical batch 880-54393 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.

16

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Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

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

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04 Lab Sample ID: 880-28852-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/27/23 12:55	05/30/23 21:24	1
Toluene	< 0.00199	U	0.00199		mg/Kg		05/27/23 12:55	05/30/23 21:24	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		05/27/23 12:55	05/30/23 21:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/27/23 12:55	05/30/23 21:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/27/23 12:55	05/30/23 21:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/27/23 12:55	05/30/23 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				05/27/23 12:55	05/30/23 21:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/27/23 12:55	05/30/23 21:24	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese			•	MDI	Unit	n	Propared	Analyzod	Dil Eac
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 15:27	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/26/23 15:58	05/27/23 14:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/26/23 15:58	05/27/23 14:18	1
,			40.0		mg/Kg		05/26/23 15:58	05/27/23 14:18	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		9/. 19		00/20/20 10:00	03/21/23 14.10	1
Oll Range Organics (Over C28-C36) Surrogate	<49.8 %Recovery		49.8 Limits		9/. 19		Prepared	Analyzed	1 Dil Fac
,					99				
Surrogate	%Recovery		Limits				Prepared	Analyzed	Dil Fac
Surrogate 1-Chlorooctane	%Recovery 105 109	Qualifier	Limits 70 - 130 70 - 130				Prepared 05/26/23 15:58	Analyzed 05/27/23 14:18	Dil Fac
Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 105 109 Chromatograp	Qualifier	Limits 70 - 130 70 - 130	MDL		D	Prepared 05/26/23 15:58	Analyzed 05/27/23 14:18	Dil Fac

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-28852-2 Date Collected: 05/23/23 00:00 **Matrix: Solid**

Date Received: 05/26/23 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/27/23 12:55	05/30/23 21:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/27/23 12:55	05/30/23 21:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/27/23 12:55	05/30/23 21:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/27/23 12:55	05/30/23 21:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/27/23 12:55	05/30/23 21:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/27/23 12:55	05/30/23 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				05/27/23 12:55	05/30/23 21:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/27/23 12:55	05/30/23 21:50	1

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-28852-2

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

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/31/23 10:24	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 15:27	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/26/23 15:58	05/27/23 14:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/26/23 15:58	05/27/23 14:40	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 15:58	05/27/23 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				05/26/23 15:58	05/27/23 14:40	1
o-Terphenyl	104		70 - 130				05/26/23 15:58	05/27/23 14:40	1
Method: EPA 300.0 - Anions, Ion	Chromatogran	hv - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		4.99		mg/Kg			05/30/23 09:53	

Client Sample ID: H-3 (0-0.5') Lab Sample ID: 880-28852-3 **Matrix: Solid**

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/27/23 12:55	05/30/23 22:17	1
Toluene	< 0.00199	U	0.00199		mg/Kg		05/27/23 12:55	05/30/23 22:17	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		05/27/23 12:55	05/30/23 22:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/27/23 12:55	05/30/23 22:17	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		05/27/23 12:55	05/30/23 22:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/27/23 12:55	05/30/23 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/27/23 12:55	05/30/23 22:17	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 ₋ 130 RL	MDL	Unit	D	05/27/23 12:55 Prepared	05/30/23 22:17 Analyzed	
		culation	70 - 130				05/27/23 12:55	05/30/23 22:17	1
	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>	05/27/23 12:55 Prepared	Analyzed 05/31/23 10:24	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 05/31/23 10:24	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 50.0		mg/Kg		Prepared	Analyzed 05/31/23 10:24 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	- Total BTEX Calc Result <0.00398 esel Range Organ Result <50.0 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 50.0	MDL	mg/Kg		Prepared	Analyzed 05/31/23 10:24 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Method: S	- Total BTEX Calc Result <0.00398 esel Range Organ Result <50.0 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 05/31/23 10:24 Analyzed 05/30/23 15:27	Dil Fac

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

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

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Lab Sample ID: 880-28852-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	ט	Prepared	Analyzed	DII Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				05/26/23 15:58	05/27/23 15:03	1
o-Terphenyl	130		70 - 130				05/26/23 15:58	05/27/23 15:03	1

Method: EPA 300.0 - Anions, Ion	Chromatography - Soluble
Amalusa	Desuit Ouslities

Analyte	Result	Qualifier	KL	MDL	Unit	U	Prepared	Analyzeu	DII Fac
Chloride	47.1		5.02		mg/Kg			05/30/23 09:58	1

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

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

1,4-Difluorobenzene (Surr)

ab Sample I	ID: 880-28852-4
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Matrix: Solid

05/31/23 23:03

05/30/23 15:51

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

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00199	U	0.00199		mg/Kg		05/30/23 15:51	05/31/23 23:03	1
<0.00199	U	0.00199		mg/Kg		05/30/23 15:51	05/31/23 23:03	1
<0.00199	U F1	0.00199		mg/Kg		05/30/23 15:51	05/31/23 23:03	1
<0.00398	U F1	0.00398		mg/Kg		05/30/23 15:51	05/31/23 23:03	1
<0.00199	U F1	0.00199		mg/Kg		05/30/23 15:51	05/31/23 23:03	1
<0.00398	U F1	0.00398		mg/Kg		05/30/23 15:51	05/31/23 23:03	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
84		70 - 130				05/30/23 15:51	05/31/23 23:03	1
	<0.00199 <0.00199 <0.00199 <0.00398 <0.00199 <0.00398		<0.00199	<0.00199 U 0.00199 <0.00199 U 0.00199 <0.00199 U F1 0.00199 <0.00398 U F1 0.00398 <0.00199 U F1 0.00199 <0.00398 U F1 0.00398 %Recovery Qualifier Limits	<0.00199	<0.00199	<0.00199 U	<0.00199 U 0.00199 mg/Kg 05/30/23 15:51 05/31/23 23:03 <0.00199

Method: TAL SOI	P Total BTEX - Total	I BTEX Calculation
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Analyte	Result	Qualifier	RL	MDL	Unit	ı	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		ma/Ka				06/01/23 09:26	1

70 - 130

Method: SW846 8015 NM -	Dincol Pango	Organice	(DDO) (CC)
I IVIELITOU. 344040 OU 13 IVIVI -	Diesei Naliue	Ulualiica	IDIOI IGGI

100

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TDH	<10.0	П	40.0	malka		•	05/30/23 15:27	

metriod. 5W0+0 00 10D Nm - Dieser Range Organics (DRO) (GO)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 15:25	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 15:25	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

ı	Surrogate	76Recovery Qualifier	LIIIIIS	Prepareu	Allalyzeu	DII F
	1-Chlorooctane	97	70 - 130	05/26/23 15:58	05/27/23 15:25	
	o-Terphenyl	102	70 - 130	05/26/23 15:58	05/27/23 15:25	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.2		5.03		mg/Kg			05/30/23 10:03	1

Surrogate Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-28852-1	H-1 (0-0.5')	94	95	
880-28852-2	H-2 (0-0.5')	93	95	
880-28852-3	H-3 (0-0.5')	95	99	
880-28852-4	H-4 (0-0.5')	84	100	
880-28852-4 MS	H-4 (0-0.5')	76	118	
880-28852-4 MSD	H-4 (0-0.5')	84	115	
890-4726-A-21-E MS	Matrix Spike	90	109	
890-4726-A-21-F MSD	Matrix Spike Duplicate	89	124	
LCS 880-54318/1-A	Lab Control Sample	84	86	
LCS 880-54428/1-A	Lab Control Sample	82	115	
LCSD 880-54318/2-A	Lab Control Sample Dup	87	101	
LCSD 880-54428/2-A	Lab Control Sample Dup	105	111	
MB 880-54318/5-A	Method Blank	54 S1-	96	
MB 880-54425/5-A	Method Blank	83	102	
MB 880-54428/5-A	Method Blank	79	103	
Surrogate Legend				
BFB = 4-Bromofluorober	nzene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-28851-A-21-D MS	Matrix Spike	98	90	
880-28851-A-21-E MSD	Matrix Spike Duplicate	97	90	
880-28852-1	H-1 (0-0.5')	105	109	
880-28852-2	H-2 (0-0.5')	102	104	
880-28852-3	H-3 (0-0.5')	122	130	
880-28852-4	H-4 (0-0.5')	97	102	
LCS 880-54267/2-A	Lab Control Sample	84	91	
LCSD 880-54267/3-A	Lab Control Sample Dup	100	106	
MB 880-54267/1-A	Method Blank	203 S1+	223 S1+	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

Released to Imaging: 11/29/2023 2:50:02 PM

Client: Carmona Resources

Job ID: 880-28852-1 SDG: Lea County, New Mexico Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-54318/5-A

Lab Sample ID: LCS 880-54318/1-A

Matrix: Solid

Analysis Batch: 54336

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54318

1

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/27/23 12:55	05/30/23 12:05	
Toluene	<0.00200	U	0.00200		mg/Kg		05/27/23 12:55	05/30/23 12:05	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/27/23 12:55	05/30/23 12:05	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/27/23 12:55	05/30/23 12:05	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/27/23 12:55	05/30/23 12:05	
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		05/27/23 12:55	05/30/23 12:05	•

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepa	red	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	54	S1-	70 - 130	05/27/23	12:55	05/30/23 12:05	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/27/23	12:55	05/30/23 12:05	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 54318

Prep Type: Total/NA

Prep Batch: 54318

Matrix: Solid Analysis Batch: 54336

	Бріке	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1172		mg/Kg		117	70 - 130	
Toluene	0.100	0.1182		mg/Kg		118	70 - 130	
Ethylbenzene	0.100	0.1134		mg/Kg		113	70 - 130	
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130	
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	84	70 - 130
1,4-Difluorobenzene (Surr)	86	70 - 130

Lab Sample ID: LCSD 880-54318/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 54336

	Spike	LCSD LCS	D			%Rec		RPD
Analyte	Added	Result Qua	lifier Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1369 *+	mg/Kg		137	70 - 130	16	35
Toluene	0.100	0.1295	mg/Kg		130	70 - 130	9	35
Ethylbenzene	0.100	0.1246	mg/Kg		125	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2431	mg/Kg		122	70 - 130	9	35
o-Xylene	0.100	0.1180	mg/Kg		118	70 - 130	9	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1.4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-4726-A-21-E MS

Matrix: Solid

Analysis Batch: 54336

Client San	nple ID: Matrix Spike
	Prep Type: Total/NA

Prep Batch: 54318

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U *+ F1	0.101	0.1431	F1	mg/Kg		141	70 - 130	
Toluene	0.00436		0.101	0.1197		mg/Kg		114	70 - 130	

Eurofins Midland

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Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1 SDG: Lea County, New Mexico

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

Lab Sample ID: 890-4726-A-21-E MS

Lab Sample ID: 890-4726-A-21-F MSD

Matrix: Solid

Analysis Batch: 54336

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 54318

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00199	U	0.101	0.1159		mg/Kg		115	70 - 130	
m-Xylene & p-Xylene	0.00467		0.202	0.2260		mg/Kg		110	70 - 130	
o-Xylene	0.00237		0.101	0.1107		mg/Kg		107	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 54318

Matrix: Solid Analysis Batch: 54336

Sample Sample Spike MSD MSD RPD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.0994 Benzene <0.00199 U *+ F1 0.1285 mg/Kg 128 70 - 130 11 35 0.00436 0.0994 Toluene 0.1065 mg/Kg 103 70 - 130 12 35 Ethylbenzene <0.00199 0.0994 0.1011 mg/Kg 102 70 - 130 14 35 0.00467 0.199 70 - 130 35 m-Xylene & p-Xylene 0.1961 mg/Kg 96 14 0.0994 0.00237 0.09532 93 70 - 130 15 o-Xylene mg/Kg

MSD MSD

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

Lab Sample ID: MB 880-54425/5-A

Matrix: Solid

Analysis Batch: 54444

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54425

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/30/23 15:42	05/31/23 10:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/30/23 15:42	05/31/23 10:53	1

MB MB

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	05/30/23 15:42	05/31/23 10:53	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/30/23 15:42	05/31/23 10:53	1

Lab Sample ID: MB 880-54428/5-A

Matrix: Solid

Analysis Batch: 54444

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54428

Dil Fac Analyte Result Qualifier MDL Unit Prepared RL Analyzed Benzene <0.00200 U 0.00200 05/30/23 15:51 05/31/23 22:42 mg/Kg 05/30/23 15:51 Toluene <0.00200 U 0.00200 mg/Kg 05/31/23 22:42 Ethylbenzene <0.00200 U 0.00200 mg/Kg 05/30/23 15:51 05/31/23 22:42 0.00400 05/30/23 15:51 05/31/23 22:42 m-Xylene & p-Xylene <0.00400 U mg/Kg

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-54428/5-A

Matrix: Solid

Analysis Batch: 54444

Client Sample ID: Method Blank

Prep Type: Total/NA

Job ID: 880-28852-1

Prep Batch: 54428

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:51	05/31/23 22:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/30/23 15:51	05/31/23 22:42	1

MR MR

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79	70 - 130	05/30/23 15:51	05/31/23 22:42	1
1,4-Difluorobenzene (Surr)	103	70 - 130	05/30/23 15:51	05/31/23 22:42	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-54428/1-A **Matrix: Solid**

Prep Type: Total/NA

Analysis Batch: 54444 Prep Batch: 54428

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1294 mg/Kg 129 70 - 130 Toluene 0.100 0.09418 mg/Kg 94 70 - 130 0.100 0.08057 81 70 - 130 Ethylbenzene mg/Kg m-Xylene & p-Xylene 0.200 0.1568 mg/Kg 78 70 - 130 0.100 0.07851 o-Xylene mg/Kg 70 - 130

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	82	70 - 130
1.4-Difluorobenzene (Surr)	115	70 - 130

Lab Sample ID: LCSD 880-54428/2-A

Matrix: Solid

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 54428

Analysis Batch: 54444 LCSD LCSD Spike %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.1215 mg/Kg 122 70 - 130 6 35 Toluene 0.100 0.09515 mg/Kg 95 70 - 130 35 Ethylbenzene 0.100 0.09010 mg/Kg 90 70 - 130 11 35 m-Xylene & p-Xylene 0.200 0.1872 mg/Kg 94 70 - 130 18 35 o-Xylene 0.100 0.09428 mg/Kg 70 - 130 18

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	105	70 - 130
1.4-Difluorobenzene (Surr)	111	70 ₋ 130

Lab Sample ID: 880-28852-4 MS Client Sample ID: H-4 (0-0.5')

Matrix: Solid Analysis Batch: 54444 Prep Type: Total/NA Prep Batch: 54428

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.101	0.1230		mg/Kg		122	70 - 130	
Toluene	<0.00199	U	0.101	0.08215		mg/Kg		81	70 - 130	
Ethylbenzene	<0.00199	U F1	0.101	0.06967	F1	mg/Kg		69	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.202	0.1305	F1	mg/Kg		64	70 - 130	
o-Xylene	<0.00199	U F1	0.101	0.06536	F1	mg/Kg		65	70 - 130	

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

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

Lab Sample ID: 880-28852-4 MS

MS MS

Matrix: Solid

Analysis Batch: 54444

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

Prep Type: Total/NA

Job ID: 880-28852-1

Prep Batch: 54428

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	76		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-28852-4 MSD Client Sample ID: H-4 (0-0.5')

Matrix: Solid

Analysis Batch: 54444

Prep Type: Total/NA

Prep Batch: 54428

_	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Toluene	<0.00199	U	0.100	0.08174		mg/Kg		82	70 - 130	1	35
Ethylbenzene	<0.00199	U F1	0.100	0.07111		mg/Kg		71	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1343	F1	mg/Kg		67	70 - 130	3	35
o-Xylene	<0.00199	U F1	0.100	0.06799	F1	mg/Kg		68	70 - 130	4	35

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 84 70 - 130 1,4-Difluorobenzene (Surr) 115 70 - 130

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

Lab Sample ID: MB 880-54267/1-A

Matrix: Solid

Analysis Batch: 54316

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54267

	INID	INID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 09:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 09:06	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 09:06	1

MB MB %Recovery Qualifier

Surrogate Limits Prepared Analyzed Dil Fac 05/26/23 15:58 1-Chlorooctane 203 S1+ 70 - 130 05/27/23 09:06 o-Terphenyl 223 S1+ 70 - 130 05/26/23 15:58 05/27/23 09:06

Lab Sample ID: LCS 880-54267/2-A

Matrix: Solid

Analysis Batch: 54316

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 54267

l		Spike	LCS	LCS				%Rec	
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Gasoline Range Organics	1000	817.4		mg/Kg		82	70 - 130	
	(GRO)-C6-C10								
	Diesel Range Organics (Over	1000	831.8		mg/Kg		83	70 - 130	
ı	C10 C20\								

C10-C28)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	91		70 - 130

Client: Carmona Resources

Job ID: 880-28852-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-54267/3-A

Matrix: Solid Analysis Batch: 54316 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 54267

_	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	839.2		mg/Kg		84	70 - 130	3	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1005		mg/Kg		100	70 - 130	19	20

C10-C28)

LCSD LCSD

<50.0 U

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-28851-A-21-D MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 54316									Prep	Batch: 54267
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.0	U	999	817.9		mg/Kg		80	70 - 130	
(GRO)-C6-C10										

893.8

mg/Kg

999

Diesel Range Organics (Over C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 98 70 - 130 o-Terphenyl 90 70 - 130

Lab Sample ID: 880-28851-A-21-E MSD

Matrix: Solid

Analysis Batch: 54316

Client Sample	ID:	Matrix	Spike	Duplicate
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70 - 130

Prep Type: Total/NA Prep Batch: 54267

Client Sample ID: Method Blank

Sample Sample Spike MSD MSD %Rec **RPD** Added Limit Analyte Result Qualifier Result Qualifier Unit %Rec Limits RPD <50.0 U 999 831.4 20 Gasoline Range Organics 81 70 - 130 2 mg/Kg (GRO)-C6-C10 <50.0 U 999 879.5 88 70 - 130 2 20 Diesel Range Organics (Over mg/Kg C10-C28)

	MSD	MSD MSD					
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	97		70 - 130				
o-Terphenyl	90		70 - 130				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-54268/1-A

Matrix: Solid

Analysis Batch: 54393

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/30/23 09:05	1

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Prep Type: Soluble

Client: Carmona Resources

Job ID: 880-28852-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

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

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

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-54268/2-A

Matrix: Solid

Analysis Batch: 54393

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits Chloride 250 257.3 mg/Kg 103 90 - 110

Lab Sample ID: LCSD 880-54268/3-A

Matrix: Solid

Analysis Batch: 54393

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	256.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-28852-1 MS

Matrix: Solid

Analysis Batch: 54393

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	40.4	F1	248	259.6	F1	mg/Kg		88	90 - 110	

Lab Sample ID: 880-28852-1 MSD

Matrix: Solid

Analysis Batch: 54393

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	40.4	F1	248	259.3	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 54318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-28852-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-28852-3	H-3 (0-0.5')	Total/NA	Solid	5035	
MB 880-54318/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-54318/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54318/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4726-A-21-E MS	Matrix Spike	Total/NA	Solid	5035	
890-4726-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 54336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Total/NA	Solid	8021B	54318
880-28852-2	H-2 (0-0.5')	Total/NA	Solid	8021B	54318
880-28852-3	H-3 (0-0.5')	Total/NA	Solid	8021B	54318
MB 880-54318/5-A	Method Blank	Total/NA	Solid	8021B	54318
LCS 880-54318/1-A	Lab Control Sample	Total/NA	Solid	8021B	54318
LCSD 880-54318/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54318
890-4726-A-21-E MS	Matrix Spike	Total/NA	Solid	8021B	54318
890-4726-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	54318

Prep Batch: 54425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-54425/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 54428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bato
880-28852-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-54428/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-54428/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54428/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-28852-4 MS	H-4 (0-0.5')	Total/NA	Solid	5035	
880-28852-4 MSD	H-4 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 54444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-4	H-4 (0-0.5')	Total/NA	Solid	8021B	54428
MB 880-54425/5-A	Method Blank	Total/NA	Solid	8021B	54425
MB 880-54428/5-A	Method Blank	Total/NA	Solid	8021B	54428
LCS 880-54428/1-A	Lab Control Sample	Total/NA	Solid	8021B	54428
LCSD 880-54428/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54428
880-28852-4 MS	H-4 (0-0.5')	Total/NA	Solid	8021B	54428
880-28852-4 MSD	H-4 (0-0.5')	Total/NA	Solid	8021B	54428

Analysis Batch: 54483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
880-28852-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX
880-28852-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX
880-28852-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX
880-28852-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX

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QC Association Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1 SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 54267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-28852-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-28852-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-28852-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-54267/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54267/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54267/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-28851-A-21-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-28851-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 54316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	54267
880-28852-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	54267
880-28852-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	54267
880-28852-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	54267
MB 880-54267/1-A	Method Blank	Total/NA	Solid	8015B NM	54267
LCS 880-54267/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54267
LCSD 880-54267/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54267
880-28851-A-21-D MS	Matrix Spike	Total/NA	Solid	8015B NM	54267
880-28851-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	54267

Analysis Batch: 54423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-28852-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-28852-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-28852-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 54268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-28852-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-28852-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-28852-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-54268/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54268/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54268/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-28852-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-28852-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 54393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28852-1	H-1 (0-0.5')	Soluble	Solid	300.0	54268
880-28852-2	H-2 (0-0.5')	Soluble	Solid	300.0	54268
880-28852-3	H-3 (0-0.5')	Soluble	Solid	300.0	54268
880-28852-4	H-4 (0-0.5')	Soluble	Solid	300.0	54268
MB 880-54268/1-A	Method Blank	Soluble	Solid	300.0	54268
LCS 880-54268/2-A	Lab Control Sample	Soluble	Solid	300.0	54268

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QC Association Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 54393 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-54268/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54268
880-28852-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	54268
880-28852-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	54268

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Job ID: 880-28852-1

SDG: Lea County, New Mexico

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

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Lab Sample ID: 880-28852-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54318	05/27/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54336	05/30/23 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54483	05/31/23 10:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			54423	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 14:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54268	05/26/23 16:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54393	05/30/23 09:37	CH	EET MID

Lab Sample ID: 880-28852-2

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

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

Matrix: Solid

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.05 g 5 mL 54318 05/27/23 12:55 EL EET MID Total/NA 8021B **EET MID** Analysis 1 5 mL 5 mL 54336 05/30/23 21:50 MNR Total/NA Total BTEX 54483 05/31/23 10:24 SM Analysis **EET MID** 1 Total/NA Analysis 8015 NM 54423 05/30/23 15:27 SM **EET MID** Total/NA 54267 Prep 8015NM Prep 10.04 g 10 mL 05/26/23 15:58 ΑJ EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 54316 05/27/23 14:40 SM **EET MID** Soluble Leach DI Leach 5.01 g 50 mL 54268 05/26/23 16:01 KS **EET MID** Soluble Analysis 300.0 50 mL 50 mL 54393 05/30/23 09:53 СН **EET MID**

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

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

Lab Sample ID: 880-28852-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	54318	05/27/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54336	05/30/23 22:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54483	05/31/23 10:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			54423	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 15:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54268	05/26/23 16:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54393	05/30/23 09:58	CH	EET MID

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

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

Lab Sample	ID: 880-28852-4
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Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54428	05/30/23 15:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54444	05/31/23 23:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54483	06/01/23 09:26	SM	EET MID

Lab Chronicle

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5') Lab Sample ID: 880-28852-4

Matrix: Solid

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54423	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 15:25	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	54268	05/26/23 16:01	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54393	05/30/23 10:03	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-25	06-30-23
The following analytes the agency does not of	• •	ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes fo
Analysis Method	Prep Method	Matrix	Analyte	
,				
8015 NM		Solid	Total TPH	

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Method Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28852-1

SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-28852-1	H-1 (0-0.5')	Solid	05/23/23 00:00	05/26/23 13:04
880-28852-2	H-2 (0-0.5')	Solid	05/23/23 00:00	05/26/23 13:04
880-28852-3	H-3 (0-0.5')	Solid	05/23/23 00:00	05/26/23 13:04
880-28852-4	H-4 (0-0.5')	Solid	05/23/23 00:00	05/26/23 13:04

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Company Name Carmon Address 310 W City, State ZIP Midland Phone 432-81	er Moehring ona Resources V Wall St Ste 500 nd, TX 79701 13-6823 Stratocaster 20 Fed 2& 2034 Lea County, New M MM Temp Blank Yes No Yes No Yes No Yes No Yes No Yes No Date 5/23/2023 5/23/2023		Turr Routine Due Date Wet Ice		Name E ZIP na@can Hrs	Parameters Pres. Code			Chloride 300.0		ANALY	SIS REC	State of Reporting Deliverab	Project: Level II	ST PF	RP []	ST/U: DaPT N C	Other	Level IV
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AMPLE RECEIPT seceived Intact: soler Custody Seals. ample Custody Seals stal Containers Sample Identification H-1 (0-0 5') H-2 (0-0 5')	Yes No Yes No N/A Yes No N/A On Date 5/23/2023	Thermometer ID Correction Facto Temperature Re- Corrected Temperature	or ading erature	-0 -0 -1.	E 1.73	Parameters	TEX 8021B	GRO + DRO + I	ide 300.0								Н	60 H	
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Sample Identification H-1 (0-0 5') H-2 (0-0 5')	5/23/2023		T	Water		i	"	15M	ᅙ	-								n Acetate+Na	
H-1 (0-0 5') H-2 (0-0 5')	5/23/2023	Time	Soil	Mator				1 80 1 80									N	aOH+Ascorb	ic Acid SAPC
H-2 (0-0 5')		<u> </u>		Asarai	Grab/ Comp	# of Cont		₽										Sample	Comments
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H-4 (0-0 5')	5/23/2023		X		G	1	Х	X	X		+-+		+	اعلام	11		,	**************************************	·
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6/1/2023

Work Order No: 2865

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-28852-1

SDG Number: Lea County, New Mexico

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Login Number: 28852
List Source: Eurofins Midland
List Number: 1

Creator: Rodriguez, Leticia

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

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6/1/2023

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/1/2023 8:48:46 AM

JOB DESCRIPTION

Stratocaster 20 Fed 2&4 (4.27.23) SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-28858-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 6/1/2023 8:48:46 AM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Client: Carmona Resources Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) Laboratory Job ID: 880-28858-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources Job ID: 880-28858-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

SDG: Lea County, New Mexico

Qualifiers

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G	b	V	U	А

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

HPI C/IC

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

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

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 Positive / Present POS **Practical Quantitation Limit** PQL

Presumptive **PRES Quality Control** QC

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

Toxicity Equivalent Factor (Dioxin) TEF **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

Job ID: 880-28858-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-28858-1

Receipt

The samples were received on 5/26/2023 1:04 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 1.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-0.25') (880-28858-1), S-1 (0.5') (880-28858-2), S-2 (0-0.25') (880-28858-3), S-2 (0.5') (880-28858-4), S-3 (0-0.2.5') (880-28858-5) and S-3 (0.5') (880-28858-6).

GC VOA

Method 8021B: The CCV was biased low for ethylbenzene, toluene, o-xylene, and m,p-xylenes. Another CCV was analyzed and acceptable within the method specified 12 hour window; therefore, the data was qualified and reported. (CCV 880-54444/33)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-54428 and analytical batch 880-54444 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-3 (0.5') (880-28858-6). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-54278 and analytical batch 880-54321 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-54269 and analytical batch 880-54394 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland 6/1/2023

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-28858-1

Matrix: Solid

Client Sample ID: S-1 (0-0.25') Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 00:25	
Toluene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 00:25	,
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 00:25	•
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/30/23 15:51	06/01/23 00:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 00:25	•
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/30/23 15:51	06/01/23 00:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				05/30/23 15:51	06/01/23 00:25	
1,4-Difluorobenzene (Surr)	101		70 - 130				05/30/23 15:51	06/01/23 00:25	•
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/01/23 09:26	
Method: SW846 8015 NM - Die Analyte			•	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: SW846 8015 NM - Die Analyte		ics (DRO) (Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
			•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/30/23 09:23	
Analyte Total TPH Method: SW846 8015B NM - D	Result 1010 viesel Range Orga	Qualifier (DRO)	RL 49.9 (GC)		mg/Kg	=	<u> </u>	05/30/23 09:23	
Analyte Total TPH Method: SW846 8015B NM - D Analyte	Result 1010 Diesel Range Orga Result	Qualifier nics (DRO) Qualifier	(GC)		mg/Kg	<u>D</u>	Prepared	05/30/23 09:23 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 1010 viesel Range Orga	Qualifier nics (DRO) Qualifier	RL 49.9 (GC)		mg/Kg	=	<u> </u>	05/30/23 09:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10	Result 1010 Diesel Range Orga Result <49.9	Qualifier nics (DRO) Qualifier	(GC) RL 49.9		mg/Kg Unit mg/Kg	=	Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 1010 Diesel Range Orga Result	Qualifier nics (DRO) Qualifier	(GC)		mg/Kg	=	Prepared	05/30/23 09:23 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10	Result 1010 Diesel Range Orga Result <49.9	Qualifier nics (DRO) Qualifier	(GC) RL 49.9		mg/Kg Unit mg/Kg	=	Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 1010 Diesel Range Orga Result <49.9 841	Qualifier nics (DRO) Qualifier	RL 49.9 (GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 05/26/23 17:20 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48 05/28/23 14:48	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	Result 1010 Diesel Range Orga Result <49.9 841	Qualifier unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 05/26/23 17:20 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48 05/28/23 14:48	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 1010	Qualifier unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48 05/28/23 14:48	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 1010 Diesel Range Orga Result <49.9 841 170 %Recovery	Qualifier unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9 49.9 Limits		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20 Prepared	05/30/23 09:23 Analyzed 05/28/23 14:48 05/28/23 14:48 Analyzed Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 1010	Qualifier U Qualifier U	RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20 Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48 05/28/23 14:48 Analyzed 05/28/23 14:48	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 1010	Qualifier U Qualifier U	RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	=	Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20 Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 14:48 05/28/23 14:48 Analyzed 05/28/23 14:48	Dil Fac

Client Sample ID: S-1 (0.5') Lab Sample ID: 880-28858-2 Date Collected: 05/23/23 00:00 Matrix: Solid

Date Received: 05/26/23 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/30/23 15:51	06/01/23 00:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/30/23 15:51	06/01/23 00:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/30/23 15:51	06/01/23 00:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/30/23 15:51	06/01/23 00:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/30/23 15:51	06/01/23 00:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/30/23 15:51	06/01/23 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				05/30/23 15:51	06/01/23 00:46	1
1,4-Difluorobenzene (Surr)	83		70 - 130				05/30/23 15:51	06/01/23 00:46	1

Client: Carmona Resources

Job ID: 880-28858-1

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

Lab Sample ID: 880-28858-2

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Client Sample ID: S-1 (0.5')

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/01/23 09:26	
- Method: SW846 8015 NM - Dies	sel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	411		49.8		mg/Kg			05/30/23 09:23	
- Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/26/23 17:20	05/28/23 15:10	
(GRO)-C6-C10									
Diesel Range Organics (Over	332		49.8		mg/Kg		05/26/23 17:20	05/28/23 15:10	
C10-C28)									
Oll Range Organics (Over	79.1		49.8		mg/Kg		05/26/23 17:20	05/28/23 15:10	
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	112		70 - 130				05/26/23 17:20	05/28/23 15:10	
o-Terphenyl	108		70 - 130				05/26/23 17:20	05/28/23 15:10	

Client Sample ID: S-2 (0-0.25') Lab Sample ID: 880-28858-3 Date Collected: 05/23/23 00:00 **Matrix: Solid**

RL

5.04

MDL Unit

mg/Kg

Prepared

D

Date Received: 05/26/23 13:04

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

47.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 01:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 01:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 01:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/30/23 15:51	06/01/23 01:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 01:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/30/23 15:51	06/01/23 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				05/30/23 15:51	06/01/23 01:06	1
1,4-Difluorobenzene (Surr)	84		70 - 130				05/30/23 15:51	06/01/23 01:06	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/01/23 09:26	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			49.8		mg/Kg			05/30/23 09:23	
Total TPH	150								•
Total TPH Method: SW846 8015B NM - D		nics (DRO)	(GC)						·
	iesel Range Orga	inics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Midland

(GRO)-C6-C10

Dil Fac

Analyzed

05/30/23 11:11

Job ID: 880-28858-1 Client: Carmona Resources Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-0.25')

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Lab Sample ID: 880-28858-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	150		49.8		mg/Kg		05/26/23 17:20	05/28/23 15:32	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 17:20	05/28/23 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				05/26/23 17:20	05/28/23 15:32	1
o-Terphenyl	97		70 - 130				05/26/23 17:20	05/28/23 15:32	1

Method: EPA 300.0 - Anions, Ion Ch	nromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		5.02		mg/Kg			05/30/23 11:27	1

Client Sample ID: S-2 (0.5')

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

Lab Sample I	D: 880-28858-4
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Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac 06/01/23 01:27 Benzene <0.00201 U 0.00201 mg/Kg 05/30/23 15:51 Toluene <0.00201 U 0.00201 05/30/23 15:51 06/01/23 01:27 mg/Kg Ethylbenzene <0.00201 U 0.00201 mg/Kg 05/30/23 15:51 06/01/23 01:27 05/30/23 15:51 06/01/23 01:27 m-Xylene & p-Xylene <0.00402 U 0.00402 mg/Kg o-Xylene <0.00201 U 0.00201 mg/Kg 05/30/23 15:51 06/01/23 01:27 Xylenes, Total <0.00402 U 0.00402 mg/Kg 05/30/23 15:51 06/01/23 01:27 Curronata %Pacayary Qualifier I imita Analyzad Dil Ess

Surrogate	76Recovery Qualifier	LIIIIII	riepareu	Allalyzeu	DII Fac
4-Bromofluorobenzene (Surr)	106	70 - 130	05/30/23 15:51	06/01/23 01:27	1
1,4-Difluorobenzene (Surr)	93	70 - 130	05/30/23 15:51	06/01/23 01:27	1
Method: TAL SOP Total BTEX - Tot	al BTEX Calculation				

Welliou. TAL SOP Total BTEX - Total	al BIEN Call	uiation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/01/23 09:26	1

Method: SW846 8015 NM - Diesei Ra	inge Organics (DRO) (GC	•)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	100	49.9	mg/Kg			05/30/23 09:23	1

_									
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/26/23 17:20	05/28/23 15:54	1
(GRO)-C6-C10									
Diesel Range Organics (Over	100		49.9		mg/Kg		05/26/23 17:20	05/28/23 15:54	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 17:20	05/28/23 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/26/23 17:20	05/28/23 15:54	1
o-Terphenyl	92		70 - 130				05/26/23 17:20	05/28/23 15:54	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.6	4.97	mg/Kg			05/30/23 11:33	1

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-28858-5

Client Sample ID: S-3 (0-0.2.5')

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 01:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 01:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 01:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/30/23 15:51	06/01/23 01:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/30/23 15:51	06/01/23 01:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/30/23 15:51	06/01/23 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				05/30/23 15:51	06/01/23 01:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/30/23 15:51	06/01/23 01:47	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/01/23 09:26	1
Method: SW846 8015 NM - Dies	sel Range Organ	ics (DRO) (GC)						
Analyte	Popult	O							
· ······ , ••	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	297	Qualifier		MDL	mg/Kg	D	Prepared	Analyzed 05/30/23 09:23	
	297	<u> </u>	49.9	MDL		<u>D</u>	Prepared		
Total TPH Method: SW846 8015B NM - Di	297 iesel Range Orga	<u> </u>	49.9	MDL	mg/Kg	— <u>Б</u>	Prepared Prepared		1
Total TPH Method: SW846 8015B NM - Di Analyte	297 iesel Range Orga	nics (DRO) Qualifier	49.9 (GC)		mg/Kg		<u> </u>	05/30/23 09:23	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10	297 esel Range Orga Result	nics (DRO) Qualifier	49.9 (GC)		mg/Kg		Prepared	05/30/23 09:23 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	297 esel Range Orga Result	nics (DRO) Qualifier	49.9 (GC)		mg/Kg		Prepared	05/30/23 09:23 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics	iesel Range Orga Result <49.9	nics (DRO) Qualifier	(GC) RL 49.9		mg/Kg Unit mg/Kg		Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 16:38	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	iesel Range Orga Result <49.9 246	nics (DRO) Qualifier U	(GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/26/23 17:20 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 16:38 05/28/23 16:38	1 Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	297 Sesel Range Orga Result <49.9 246 51.3	nics (DRO) Qualifier U	(GC) RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 16:38 05/28/23 16:38	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	297 Sesel Range Orga Result <49.9 246 51.3	nics (DRO) Qualifier U	49.9 (GC) RL 49.9 49.9 49.9 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20 Prepared	05/30/23 09:23 Analyzed 05/28/23 16:38 05/28/23 16:38 Analyzed Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	297 iesel Range Orga Result <49.9 246 51.3 %Recovery 96 95	Qualifier Qualifier	49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20 Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 16:38 05/28/23 16:38 Analyzed 05/28/23 16:38	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	297 iesel Range Orga Result <49.9 246 51.3 **Recovery 96 95 on Chromatograp	Qualifier Qualifier	49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/26/23 17:20 05/26/23 17:20 05/26/23 17:20 Prepared 05/26/23 17:20	05/30/23 09:23 Analyzed 05/28/23 16:38 05/28/23 16:38 Analyzed 05/28/23 16:38	Dil Fac 1 Dil Fac

Client Sample ID: S-3 (0.5') Lab Sample ID: 880-28858-6 Date Collected: 05/23/23 00:00 Matrix: Solid

Date Received: 05/26/23 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 02:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 02:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 02:08	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/30/23 15:51	06/01/23 02:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/30/23 15:51	06/01/23 02:08	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/30/23 15:51	06/01/23 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				05/30/23 15:51	06/01/23 02:08	
1,4-Difluorobenzene (Surr)	93		70 - 130				05/30/23 15:51	06/01/23 02:08	1

Client Sample Results

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

Lab Sample ID: 880-28858-6

Client Sample ID: S-3 (0.5') Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Matrix: Solid

Job ID: 880-28858-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/01/23 09:26	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	178		50.0		mg/Kg			05/30/23 09:23	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/26/23 17:20	05/28/23 17:01	1
(GRO)-C6-C10									
Diesel Range Organics (Over	178		50.0		mg/Kg		05/26/23 17:20	05/28/23 17:01	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 17:20	05/28/23 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				05/26/23 17:20	05/28/23 17:01	1
o-Terphenyl	102		70 - 130				05/26/23 17:20	05/28/23 17:01	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• .	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.3	-	4.96		mg/Kg		-	05/30/23 11:43	

Surrogate Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-28852-A-4-C MS	Matrix Spike	76	118	
880-28852-A-4-D MSD	Matrix Spike Duplicate	84	115	
880-28858-1	S-1 (0-0.25')	153 S1+	101	
880-28858-2	S-1 (0.5')	97	83	
880-28858-3	S-2 (0-0.25')	83	84	
380-28858-4	S-2 (0.5')	106	93	
880-28858-5	S-3 (0-0.2.5')	100	97	
880-28858-6	S-3 (0.5')	139 S1+	93	
LCS 880-54428/1-A	Lab Control Sample	82	115	
_CSD 880-54428/2-A	Lab Control Sample Dup	105	111	
MB 880-54425/5-A	Method Blank	83	102	
MB 880-54428/5-A	Method Blank	79	103	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-28857-A-1-C MS	Matrix Spike	91	81	
880-28857-A-1-D MSD	Matrix Spike Duplicate	98	85	
880-28858-1	S-1 (0-0.25')	106	98	
380-28858-2	S-1 (0.5')	112	108	
880-28858-3	S-2 (0-0.25')	101	97	
880-28858-4	S-2 (0.5')	96	92	
880-28858-5	S-3 (0-0.2.5')	96	95	
880-28858-6	S-3 (0.5')	104	102	
_CS 880-54278/2-A	Lab Control Sample	99	91	
_CSD 880-54278/3-A	Lab Control Sample Dup	101	95	
MB 880-54278/1-A	Method Blank	91	90	

1CO = 1-Chlorooctane OTPH = o-Terphenyl

1

Dil Fac

QC Sample Results

Client: Carmona Resources

Job ID: 880-28858-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-54425/5-A

Matrix: Solid

Analysis Batch: 54444

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54425

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	
Toluene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/30/23 15:42	05/31/23 10:53	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:42	05/31/23 10:53	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/30/23 15:42	05/31/23 10:53	

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed
4-Bromofluorobenzene (Surr)	83		70 - 130	_	05/30/23 15:42	05/31/23 10:53
1,4-Difluorobenzene (Surr)	102		70 - 130		05/30/23 15:42	05/31/23 10:53

Lab Sample ID: MB 880-54428/5-A

Client Sample ID: Method Blank

Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 54444	Prep Batch: 54428
MB MB	

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/30/23 15:51	05/31/23 22:42	1
Toluene	<0.00200 U	U	0.00200		mg/Kg		05/30/23 15:51	05/31/23 22:42	1
Ethylbenzene	<0.00200 U	U	0.00200		mg/Kg		05/30/23 15:51	05/31/23 22:42	1
m-Xylene & p-Xylene	<0.00400 \	U	0.00400		mg/Kg		05/30/23 15:51	05/31/23 22:42	1
o-Xylene	<0.00200 U	U	0.00200		mg/Kg		05/30/23 15:51	05/31/23 22:42	1
Xylenes, Total	<0.00400 l	U	0.00400		mg/Kg		05/30/23 15:51	05/31/23 22:42	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	05/30/23 15:51	05/31/23 22:42	1
1,4-Difluorobenzene (Surr)	103		70 - 130	05/30/23 15:51	05/31/23 22:42	1

Lab Sample ID: LCS 880-54428/1-A

Matrix: Solid

Analysis Batch: 54444

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 54428

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1294 mg/Kg 129 70 - 130 Toluene 0.100 0.09418 mg/Kg 94 70 - 130 70 - 130 Ethylbenzene 0.100 0.08057 mg/Kg 81 0.200 78 70 - 130 m-Xylene & p-Xylene 0.1568 mg/Kg 0.100 0.07851 79 70 - 130 o-Xylene mg/Kg

LCS	LCS
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Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	82	70 - 130
1.4-Difluorobenzene (Surr)	115	70 - 130

Lab Sample ID: LCSD 880-54428/2-A

Matrix: Solid

Analysis Batch: 54444

imple ID: Lab Control Sample Dup	Client
Prep Type: Total/NA	
D D () T () D	

Prep Batch: 54428

	Spike	LCSD LCSD				%Rec		RPD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1215	mg/Kg		122	70 - 130	6	35	

QC Sample Results

Client: Carmona Resources

Job ID: 880-28858-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-54428/2-A

Matrix: Solid

Analysis Batch: 54444

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 54428

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.09515		mg/Kg		95	70 - 130	1	35
Ethylbenzene	0.100	0.09010		mg/Kg		90	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1872		mg/Kg		94	70 - 130	18	35
o-Xylene	0.100	0.09428		mg/Kg		94	70 - 130	18	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-28852-A-4-C MS Client Sample ID: Matrix Snike

Matrix: Solid

Analysis Batch: 54444

Olletti Sa	inple ib. Matrix opike	
	Prep Type: Total/NA	

Prep Batch: 54428

%Rec

MS MS Sample Sample Spike Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Benzene <0.00199 U 0.101 0.1230 mg/Kg 122 70 - 130 Toluene <0.00199 U 0.101 0.08215 81 70 - 130 mg/Kg Ethylbenzene 0.101 0.06967 F1 70 - 130 <0.00199 UF1 mg/Kg 69 0.202 m-Xylene & p-Xylene <0.00398 U F1 0.1305 F1 64 70 - 130 mg/Kg o-Xylene <0.00199 UF1 0.101 0.06536 F1 mg/Kg 65 70 - 130

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	76	70 - 130
1,4-Difluorobenzene (Surr)	118	70 - 130

Lab Sample ID: 880-28852-A-4-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 54444

Prep Type: Total/NA Prep Batch: 54428

Spike %Rec MSD MSD RPD Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene <0.00199 0.100 0.1182 mg/Kg 118 70 - 130 35 Toluene <0.00199 U 0.100 0.08174 mg/Kg 82 70 - 130 35 Ethylbenzene <0.00199 UF1 0.100 0.07111 mg/Kg 70 - 130 35 0.200 0.1343 F1 67 70 - 130 35 m-Xylene & p-Xylene <0.00398 UF1 mg/Kg 0.100 0.06799 F1 o-Xylene <0.00199 UF1 mg/Kg 70 - 130 35

MSD MSD

Surrogate	%Recovery Qualifier	r Limits
4-Bromofluorobenzene (Surr)	84	70 - 130
1,4-Difluorobenzene (Surr)	115	70 - 130

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

Lab Sample ID: MB 880-54278/1-A

Matrix: Solid

Analysis Batch: 54321

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

Prep Batch: 54278

MB MB Analyte Result Qualifier RL MDL Unit Prepared Analyzed <50.0 U 50.0 05/26/23 17:20 05/28/23 09:01 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Client: Carmona Resources

SDG: Lea County, New Mexico Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

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

Lab Sample ID: MB 880-54278/1-A

Lab Sample ID: LCS 880-54278/2-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 54321

Prep Type: Total/NA

Prep Batch: 54278

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		05/26/23 17:20	05/28/23 09:01	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/26/23 17:20	05/28/23 09:01	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	05/26/23 17:20	05/28/23 09:01	1
o-Terphenyl	90		70 - 130	05/26/23 17:20	05/28/23 09:01	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 54278

Analysis Batch: 54321 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 852.0 85 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 839.9 mg/Kg 84 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery Qua	lifier Limits
1-Chlorooctane	99	70 - 130
o-Terphenyl	91	70 - 130

Lab Sample ID: LCSD 880-54278/3-A

Matrix: Solid

Analysis Batch: 54321

Prep Type: Total/NA

Prep Batch: 54278

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	851.4		mg/Kg		85	70 - 130	0	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	887.0		mg/Kg		89	70 - 130	5	20
040,000)									

C10-C28)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 880-28857-A-1-C MS

Matrix: Solid

Analysis Batch: 54321

Client	Sample	ID:	Matrix	Spike

Prep Type: Total/NA

Prep Batch: 54278

%Rec Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits <50.0 U F1 Gasoline Range Organics 997 564.0 F1 57 70 - 130 mg/Kg (GRO)-C6-C10 <50.0 U 997 743.0 70 - 130 Diesel Range Organics (Over mg/Kg

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	81		70 - 130

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

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

Lab Sample ID: 880-28857-A-1-D MSD

Matrix: Solid

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analysis Batch: 54321

Prep Batch: 54278

	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 F1	997	603.3	F1	mg/Kg		61	70 - 130	7	20
Diesel Range Organics (Over	<50.0	U	997	799.1		mg/Kg		76	70 - 130	7	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	85		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-54269/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 54394

мв мв

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/k	(g		05/30/23 09:19	1

Lab Sample ID: LCS 880-54269/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 54394

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	245.7	-	mg/Kg		98	90 - 110	

Lab Sample ID: LCSD 880-54269/3-A

Matrix: Solid

Analysis Batch: 54394

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	245.9		mg/Kg	_	98	90 - 110	0	20	

Lab Sample ID: 880-28856-A-5-B MS

Matrix: Solid

Analysis Batch: 54394

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	59.7	F1	250	274.3	F1	ma/Ka		86	90 110	

Lab Sample ID: 880-28856-A-5-C MSD

Matrix: Solid

Analysis Batch: 54394

Alialysis Datch. 34334											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	59.7	F1	250	274.9	F1	mg/Kg		86	90 - 110		20

QC Association Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 54425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-54425/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 54428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-28858-1	S-1 (0-0.25')	Total/NA	Solid	5035	
880-28858-2	S-1 (0.5')	Total/NA	Solid	5035	
880-28858-3	S-2 (0-0.25')	Total/NA	Solid	5035	
880-28858-4	S-2 (0.5')	Total/NA	Solid	5035	
880-28858-5	S-3 (0-0.2.5')	Total/NA	Solid	5035	
880-28858-6	S-3 (0.5')	Total/NA	Solid	5035	
MB 880-54428/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-54428/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54428/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-28852-A-4-C MS	Matrix Spike	Total/NA	Solid	5035	
880-28852-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 54444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Total/NA	Solid	8021B	54428
880-28858-2	S-1 (0.5')	Total/NA	Solid	8021B	54428
880-28858-3	S-2 (0-0.25')	Total/NA	Solid	8021B	54428
880-28858-4	S-2 (0.5')	Total/NA	Solid	8021B	54428
880-28858-5	S-3 (0-0.2.5')	Total/NA	Solid	8021B	54428
880-28858-6	S-3 (0.5')	Total/NA	Solid	8021B	54428
MB 880-54425/5-A	Method Blank	Total/NA	Solid	8021B	54425
MB 880-54428/5-A	Method Blank	Total/NA	Solid	8021B	54428
LCS 880-54428/1-A	Lab Control Sample	Total/NA	Solid	8021B	54428
LCSD 880-54428/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54428
880-28852-A-4-C MS	Matrix Spike	Total/NA	Solid	8021B	54428
880-28852-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	54428

Analysis Batch: 54551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Total/NA	Solid	Total BTEX	-
880-28858-2	S-1 (0.5')	Total/NA	Solid	Total BTEX	
880-28858-3	S-2 (0-0.25')	Total/NA	Solid	Total BTEX	
880-28858-4	S-2 (0.5')	Total/NA	Solid	Total BTEX	
880-28858-5	S-3 (0-0.2.5')	Total/NA	Solid	Total BTEX	
880-28858-6	S-3 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 54278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-28858-2	S-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-28858-3	S-2 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-28858-4	S-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-28858-5	S-3 (0-0.2.5')	Total/NA	Solid	8015NM Prep	
880-28858-6	S-3 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-54278/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

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QC Association Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 54278 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-54278/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54278/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-28857-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-28857-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 54321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Total/NA	Solid	8015B NM	54278
880-28858-2	S-1 (0.5')	Total/NA	Solid	8015B NM	54278
880-28858-3	S-2 (0-0.25')	Total/NA	Solid	8015B NM	54278
880-28858-4	S-2 (0.5')	Total/NA	Solid	8015B NM	54278
880-28858-5	S-3 (0-0.2.5')	Total/NA	Solid	8015B NM	54278
880-28858-6	S-3 (0.5')	Total/NA	Solid	8015B NM	54278
MB 880-54278/1-A	Method Blank	Total/NA	Solid	8015B NM	54278
LCS 880-54278/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54278
LCSD 880-54278/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54278
880-28857-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	54278
880-28857-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	54278

Analysis Batch: 54356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Total/NA	Solid	8015 NM	
880-28858-2	S-1 (0.5')	Total/NA	Solid	8015 NM	
880-28858-3	S-2 (0-0.25')	Total/NA	Solid	8015 NM	
880-28858-4	S-2 (0.5')	Total/NA	Solid	8015 NM	
880-28858-5	S-3 (0-0.2.5')	Total/NA	Solid	8015 NM	
880-28858-6	S-3 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 54269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Soluble	Solid	DI Leach	
880-28858-2	S-1 (0.5')	Soluble	Solid	DI Leach	
880-28858-3	S-2 (0-0.25')	Soluble	Solid	DI Leach	
880-28858-4	S-2 (0.5')	Soluble	Solid	DI Leach	
880-28858-5	S-3 (0-0.2.5')	Soluble	Solid	DI Leach	
880-28858-6	S-3 (0.5')	Soluble	Solid	DI Leach	
MB 880-54269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-28856-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-28856-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 54394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-1	S-1 (0-0.25')	Soluble	Solid	300.0	54269
880-28858-2	S-1 (0.5')	Soluble	Solid	300.0	54269
880-28858-3	S-2 (0-0.25')	Soluble	Solid	300.0	54269
880-28858-4	S-2 (0.5')	Soluble	Solid	300.0	54269
880-28858-5	S-3 (0-0.2.5')	Soluble	Solid	300.0	54269

QC Association Summary

Client: Carmona Resources Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) Job ID: 880-28858-1

SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 54394 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28858-6	S-3 (0.5')	Soluble	Solid	300.0	54269
MB 880-54269/1-A	Method Blank	Soluble	Solid	300.0	54269
LCS 880-54269/2-A	Lab Control Sample	Soluble	Solid	300.0	54269
LCSD 880-54269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54269
880-28856-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	54269
880-28856-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	54269

Lab Chronicle

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1 SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-0.25')

Lab Sample ID: 880-28858-1

Matrix: Solid

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54428	05/30/23 15:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54444	06/01/23 00:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54551	06/01/23 09:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54356	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54278	05/26/23 17:20	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 14:48	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54269	05/26/23 16:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54394	05/30/23 11:06	CH	EET MID

Client Sample ID: S-1 (0.5') Lab Sample ID: 880-28858-2

Date Collected: 05/23/23 00:00 **Matrix: Solid**

Date Received: 05/26/23 13:04

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.02 g 5 mL 54428 05/30/23 15:51 EL EET MID Total/NA 8021B 5 mL **EET MID** Analysis 1 5 mL 54444 06/01/23 00:46 MNR Total/NA Total BTEX 54551 06/01/23 09:26 Analysis A.I **EET MID** 1 Total/NA Analysis 8015 NM 54356 05/30/23 09:23 SM **EET MID** Total/NA 54278 Prep 8015NM Prep 10.05 g 10 mL 05/26/23 17:20 A.I EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 54321 05/28/23 15:10 SM **EET MID** Soluble Leach DI Leach 4.96 g 50 mL 54269 05/26/23 16:13 KS EET MID Soluble Analysis 300.0 50 mL 50 mL 54394 05/30/23 11:11 СН **EET MID**

Client Sample ID: S-2 (0-0.25')

Lab Sample ID: 880-28858-3 Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54428	05/30/23 15:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54444	06/01/23 01:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54551	06/01/23 09:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54356	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	54278	05/26/23 17:20	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 15:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54269	05/26/23 16:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54394	05/30/23 11:27	CH	EET MID

Lab Sample ID: 880-28858-4 Client Sample ID: S-2 (0.5')

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

Г	5	5		5		- .				
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	54428	05/30/23 15:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54444	06/01/23 01:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54551	06/01/23 09:26	AJ	EET MID

Eurofins Midland

Matrix: Solid

Page 19 of 25

Matrix: Solid

Lab Chronicle

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

Client Sample ID: S-2 (0.5')

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04 Lab Sample ID: 880-28858-4

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54356	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54278	05/26/23 17:20	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 15:54	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	54269	05/26/23 16:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54394	05/30/23 11:33	CH	EET MID

Client Sample ID: S-3 (0-0.2.5') Lab Sample ID: 880-28858-5

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 13:04

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54428	05/30/23 15:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54444	06/01/23 01:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54551	06/01/23 09:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54356	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54278	05/26/23 17:20	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 16:38	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	54269	05/26/23 16:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54394	05/30/23 11:38	CH	EET MID

Client Sample ID: S-3 (0.5') Lab Sample ID: 880-28858-6

Date Collected: 05/23/23 00:00 Date Received: 05/26/23 13:04

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	54428	05/30/23 15:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54444	06/01/23 02:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			54551	06/01/23 09:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54356	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54278	05/26/23 17:20	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 17:01	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54269	05/26/23 16:13	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54394	05/30/23 11:43	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-28858-1 Project/Site: Stratocaster 20 Fed 2&4 (4.27.23) SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date	
Texas	NE	ELAP	T104704400-22-25	06-30-23	
The following analytes	are included in this report bu	NELAP T104704400-22-25 port, but the laboratory is not certified by the governing authority. This list n	y include analytes for w		
the agency does not of	• •	t the laboratory to not oor th	ed by the governing additionty. This list the	ay include analytes for v	
the agency does not of Analysis Method	• •	Matrix	Analyte	y molude analytes for v	
0 ,	fer certification.	•	, , ,		

Method Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Project/Site: Stratocaster 20 Fed 2&4 (4.27.23)

Job ID: 880-28858-1

SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-28858-1	S-1 (0-0.25')	Solid	05/23/23 00:00	05/26/23 13:04
880-28858-2	S-1 (0.5')	Solid	05/23/23 00:00	05/26/23 13:04
880-28858-3	S-2 (0-0.25')	Solid	05/23/23 00:00	05/26/23 13:04
880-28858-4	S-2 (0.5')	Solid	05/23/23 00:00	05/26/23 13:04
880-28858-5	S-3 (0-0.2.5')	Solid	05/23/23 00:00	05/26/23 13:04
880-28858-6	S-3 (0.5')	Solid	05/23/23 00:00	05/26/23 13:04

Project Manager

Company Name

City, State ZIP

Project Name

Project Number

Project Location

Sampler's Name.

Address

Phone

PO#

Conner Moehring

Carmona Resources

Midland, TX 79701

432-813-6823

310 W Wall St Ste 500

Stratocaster 20 Fed 2&4 (4 27 23)

2034

Lea County, New Mexico

MM

SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	(V)e		Parameter	8	DRO	8			Ì								H ₃ PO ₄ HP	NaOn Na
Received Intact.	(Yels No	Thermometer IE)	$\perp L$	ZE] <u>E</u>	802	٠ +	8			1								NaHSO ₄ N	ARIS
Cooler Custody Seals	Yes No (N/A)	Correction Fact		-(ンプ] &	BTEX 8021B	(GRO	Chloride 300.0											Na ₂ S ₂ O ₃ N	
Sample Custody Seals.	Yes No N/A	Temperature Re			19]	6) WS	듄			1								Zn Acetate	=
Total Containers		Corrected Temp	erature [.]	1	1.1			8015M												.1	orbic Acid SAPC
Sample Identification	on Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													ole Comments
S-1 (0-0 25')	5/23/2023		X	1	G	1	X	X	Х	 	1							\dashv	 		
S-1 (0 5')	5/23/2023		X	 	G	1	X	X	Х		1		_		+			+-	 		· · · · · · · · · · · · · · · · · · ·
S-2 (0-0 25')	5/23/2023		X		G	1	X	X	Х	 	1			_				-	 		····
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S-3 (0-0 25')	5/23/2023		X	† · · · · · · · · · · · · · · · · · · ·	G	1	X	X	X		+-+			+	\dashv			1 -		· · · · · · · · · · · · · · · · · · ·	manana Milia
S-3 (0 5')	5/23/2023		T x	 	G	1	X	X	X		╁──╁			-+			- 1	MIMIMINI			
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Comments Email to Mil				ir and Co	iiiidi Mić		r Gmo	enrin	g@ca	rmona	iresoui	ces c)(Y)								
	Relinquished	by (Signature)					Date/	Time		H	$\overline{}$	77	\ R	ceiv	d May	(Sign	ature)				Date/Time
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Bill to (if different)

Company Name

City, State ZIP

✓ Rush

72 Hrs

Email mcarmona@carmonaresources com

Pres.

Code

Address

Turn Around

Routine

Due Date

Carmona Resources

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	6/1/2023
1	

perfund

Level IV

DI Water: H₂O

MeOH Me

HNO₃ HN

NaOH Na

of 25

Page 24 (

Released to Imaging: 11/29/2023 2:50:02 PM

Work Order Comments

ADaPT

Program: UST/PST PRP rownfields RC

Reporting Level II Level III ST/UST

State of Project:

ANALYSIS REQUEST

Deliverables EDD

Page_

None NO

Cool Cool

HCL HC

H₂S0₄ H₂

RRP

Other:

Preservative Codes

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-28858-1

SDG Number: Lea County, New Mexico

....

List Source: Eurofins Midland

List Number: 1

Login Number: 28858

Creator: Rodriguez, Leticia

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

1



August 08, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: STRATOCASTER 20 FED 2 & 4 (4.27.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/07/23 9:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023

Project Name: STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 (1') (H234176-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.4	% 49.1-14	8						

Applymed By MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (1') (H234176-02)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (1') (H234176-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (1') (H234176-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	18						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (1') (H234176-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	70.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.3	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (1') (H234176-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	69.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (1') (H234176-07)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	62.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.4	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (0.5') (H234176-08)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
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	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

 08/07/2023
 Sampling Date:
 08/07/2023

 08/08/2023
 Sampling Type:
 Soil

Project Name: STRATOCASTER 20 FED 2 & 4 (4.27.23)
Project Number: 2034

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 9 (0.5') (H234176-09)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.2	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (0.5') (H234176-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 (0.5') (H234176-11)

BTEX 8021B

DIEX GOZID	ıııg,	ng .	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	61.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (0.5') (H234176-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	86.9	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	32.7	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 13 (0.5') (H234176-13)

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	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	12.1	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.5	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 14 (0.5') (H234176-14)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	64.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 08/07/2023 Reported: 08/08/2023 Sampling Date: 08/07/2023 Soil

Project Name:

Sampling Type:

STRATOCASTER 20 FED 2 & 4 (4.27.23) Project Number: 2034

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 15 (0.5') (H234176-15)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	19.2	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	56.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	54.8	% 49.1-14	8						

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08/07/2023

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 08/07/2023 Reported:

08/08/2023 Sampling Type: Soil

Sampling Date:

Sample Received By:

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

STRATOCASTER 20 FED 2 & 4 (4.27.23) Sampling Condition: Cool & Intact

Sample ID: CS - 16 (0.5') (H234176-16)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	< 0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.1	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (0.5') (H234176-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
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	08/07/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	39.5	10.0	08/07/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	23.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.9	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (0.5') (H234176-18)

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	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
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	08/08/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.3	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 08/07/2023 Reported:

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 19 (0.5') (H234176-19)

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	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2023	ND	448	112	400	3.64	
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	08/08/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	17.1	10.0	08/08/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.6	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 20 (1') (H234176-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	1.87	93.3	2.00	12.6	
Toluene*	<0.050	0.050	08/07/2023	ND	1.78	89.0	2.00	11.8	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.81	90.3	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.40	90.0	6.00	12.4	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	155	77.5	200	3.97	
DRO >C10-C28*	82.3	10.0	08/08/2023	ND	160	80.1	200	3.65	
EXT DRO >C28-C36	36.6	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	64.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023 Sampling Type:

Project Name: STRATOCASTER 20 FED 2 & 4 (4.27.23) Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (1') (H234176-21)

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	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	20.4	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	10.3	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (1') (H234176-22)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	109	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	68.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	66.4	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	71.4	% 49.1-14	18						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 23 (1') (H234176-23)

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	71.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (1') (H234176-24)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	18.3	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 25 (1') (H234176-25)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	14.2	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	67.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.8	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 26 (1') (H234176-26)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	16.4	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 27 (1') (H234176-27)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/07/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 71.5-13	4						
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	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	22.9	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	70.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (1') (H234176-28)

RTFY 8021R

Result								
· court	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/07/2023	ND	2.19	110	2.00	13.2	
<0.050	0.050	08/07/2023	ND	2.10	105	2.00	13.0	
<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	12.6	
<0.150	0.150	08/07/2023	ND	5.93	98.8	6.00	12.5	
<0.300	0.300	08/07/2023	ND					
90.9	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	08/07/2023	ND	448	112	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
<10.0	10.0	08/07/2023	ND					
78.1	% 48.2-13	4						
82.7	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 90.9 mg, Result 16.0 mg, 210.0 <10.0 78.1	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 90.9 % 71.5-13 mg/kg Result Reporting Limit 16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Applyzod By: MC

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (1') (H234176-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	71.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 08/07/2023 Reported:

Sampling Date: 08/07/2023 Sampling Type: Soil

Project Name:

BTEX 8021B

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 3 (0.5') (H234176-30)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

Analyzed By: MS

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Celeg D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (1') (H234176-31)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 71.5-13	4						
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	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701

Fax To:

Received: 08/07/2023 Sampling Date: 08/07/2023 Sampling Type: Soil

Reported: 08/08/2023 Project Name: STRATOCASTER 20 FED 2 & 4 (4.27.23)

Sampling Condition: Cool & Intact

Project Number: 2034 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 5 (0.5') (H234176-32)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

Analyzed By: MS

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (0.5') (H234176-33)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	< 0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported: 08/08/2023

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (0.5') (H234176-34)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.1	% 49.1-14	8						

Applyzod By: MC

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 08/08/2023 Sampling Date: 08/07/2023 Sampling Type: Soil

Reported: Project Name:

RTFY 8021R

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Sampling Condition: Cool & Intact

Project Number: 2034 Sample Received By:

Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 8 (1') (H234176-35)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (1') (H234176-36)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/07/2023 Reported:

08/08/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Number: 2034

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 (1') (H234176-37)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.19	110	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.5	2.00	12.6	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.93	98.8	6.00	12.5	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	158	78.9	200	2.48	
DRO >C10-C28*	41.0	10.0	08/08/2023	ND	151	75.3	200	0.903	
EXT DRO >C28-C36	18.5	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	64.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.5	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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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Celeg D. Keene

8:53:46 AM

8/15/2023

OCD:

by

Chain of Custody

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Work Order No:	H	a 35		W

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Page 1 of 4 Page **Work Order Comments** Bill to: (if different) Carmona Resources Conner Moehring Project Manager: Program: UST/PST PRP rownfields RC perfund Company Name: Carmona Resources Company Name: State of Project: Address: 310 W Wall St Ste 500 Address: Reporting:Level II Level III ST/UST RRP Level IV City, State ZIP: City, State ZIP: Midland, TX 79701 ADaPT Deliverables: EDD Other: Email: mcarmona@carmonaresources.com 432-813-6823 Phone: **Preservative Codes ANALYSIS REQUEST** Stratocaster 20 Fed 2&4 (4.27.23) Turn Around Project Name: Pres. None: NO DI Water: H₂O ✓ Rush Routine 2034 Code Project Number. Cool: Cool MeOH: Me 24 Hrs Lea County, New Mexico Due Date: Project Location + MRO) HCL: HC HNO3: HN KB Sampler's Name: NaOH: Na H2SO4: H2 PO#: TPH 8015M (GRO + DRO HaPOa: HP Yes No (Yes) No Wet Ice: 8021B SAMPLE RECEIPT Temp Blank: NaHSO₄: NABIS Thermometer ID: 140 Yes No Chloride Received Intact: BTEX 8 Na₂S₂O₃: NaSO₃ Cooler Custody Seals: Yes N/A Correction Factor: Zn Acetate+NaOH: Zn 3.9 Sample Custody Seals: Yes No N/A Temperature Reading: NaOH+Ascorbic Acid: SAPC Corrected Temperature: Total Containers: Grab/ # of Sample Comments Water Time Soil Sample Identification Date Cont Comp X X X X Comp 1 8/7/2023 CS-1 (1') a X X X Comp 1 X CS-2 (1') 8/7/2023 X X Comp 1 X X CS-3 (1') 8/7/2023 X X X X Comp 1 CS-4 (1') 8/7/2023 X X Comp 1 X X CS-5 (1') 8/7/2023 X X 1 X X Comp CS-6 (1') 8/7/2023 X X X X Comp 1 CS-7 (1') 8/7/2023 X X Comp 1 X X CS-8 (0.5') 8/7/2023 9 X X X X Comp 1 CS-9 (0.5') 8/7/2023 X X Comp X X CS-10 (0.5') 8/7/2023 Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com Received by: (Signature) Date/Time Date/Time Relinquished by: (Signature) 0954 8/1/23

Chain of Custody

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ect Number:	Ottaloca	2034	(4.21.25)	Routine	✓ Rush	h	Pres.				T	ANAL	1313 KE	QUEST					None: NO	servative Co	ater: H ₂ (
ect Location	Lea	County, New I	Mexico	Due Date:		Hrs	Code				+			+	\vdash		1	_	Cool: Coo		
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er Custody Seals:	Yes	Na .N/A	Correction Facto	r.	_	-	4	TEX	GR	loric				Na ₂ S ₂ O ₃ : NaSO ₃							
ple Custody Seals:	Yes	No N/A	Temperature Re		3.0	3	4	8	15M	5		1 1		Zn Acetate+NaOH: Zn							
Containers:			Corrected Temp	erature:					1 80										NaOH+A	scorbic Acid: S	APC
Sample Identif	fication	Date	Time	Soil	Water	Grab/ Comp	# of Cont		4										Sar	nple Comme	ents
CS-11 (0.	.5')	8/7/2023		Х		Comp	1	Х	Х	X,							\neg	•	11		
CS-12 (0.	.5')	8/7/2023		Х		Comp	1	Х	Х	X									12		
CS-13 (0.	.5')	8/7/2023		Х		Comp	1	Х	Х	Х									13		
CS-14 (0.	.5')	8/7/2023		X		Comp	1	Х	Х	X									14		
CS-15 (0.	.5')	8/7/2023		Х		Comp	1	Х	Х	X									15		
CS-16 (0.	.5')	8/7/2023		Х		Comp	1	Х	Х	Х									110		
CS-17 (0.	.5')	8/7/2023		Х		Comp	1	Х	Х	X									117		
CS-18 (0.	5')	8/7/2023		Х		Comp	1	Х	Х	Х							\neg		18		
CS-19 (0.		8/7/2023		Х		Comp	1	Х	Х	Х									19		
CS-20 (1	(')	8/7/2023		X		Comp	1	Х	Х	X									20		

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Chain of Custody

Work Order No

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	Page	3	of	4	Page

Project Manager:	Conner	Moehring			Bill to: (if	different)		Carmo	ona Re	esources								Comments			
ompany Name:	Carmona	a Resources			Company	Name:								Progra	m: UST/	PST PR	P Drown	nfields RC perfund			
ddress:	310 W V	Vall St Ste 500			Address:									200	f Projec		- 2				
ty, State ZIP:	Midland,	, TX 79701			City, Stat	e ZIP:								1				/UST RRP Level IV			
none:	432-813	-6823		Emai	mcarmo	na@can	monares	ource	s.com	1				Deliver	ables: E	DD 🗌	ADaP	T Other:			
oject Name:	Stra	atocaster 20 Fed 28	4 (4.27.23)	Tur	n Around							ANAL	YSIS R	QUEST				Preservative Codes			
roject Number:		2034		Routine	✓ Rush	n	Pres. Code											None: NO DI Water: H ₂			
oject Location		Lea County, New	Mexico	Due Date:	24	Hrs												Cool: Cool MeOH: Me			
ampler's Name:		КВ							MRO)					HCL: HC HNO							
0#:					_		2		+					1 1				H ₂ S0 ₄ : H ₂ NaOH: Na			
SAMPLE RECEI	IPT	Temp Blank:	Yes (No	Wet Ice:		No	Parameters	曲	+ DRO	4500	- 1			- 1 - 1				H ₃ PO ₄ : HP			
leceived Intact:	- 4	Yes No	Thermometer ID):	4	10	aran	8021B	0	de 4				1 1				NaHSO ₄ : NABIS			
ooler Custody Seal	s:	Yes No N/A	Correction Factor	or.	-		۵	ВТЕХ	TPH 8015M (GRO	Chloride				1 1				Na ₂ S ₂ O ₃ : NaSO ₃			
ample Custody Sea	als:	Yes No N/A	Temperature Re		3.0	1		-	15M	5								Zn Acetate+NaOH: Zn			
otal Containers:	-4		Corrected Temp	perature:					8 H									NaOH+Ascorbic Acid: SAPC			
Sample Ider	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽									Sample Comments			
, CS-21	(1')	8/7/2023		' X		Çomp	1	Х	Х	Х								2			
CS-22	(1')	8/7/2023		Х		Comp	1	Х	Х	X								22			
CS-23	(1')	8/7/2023		X		Comp	1	X	Х	X								33			
CS-24	(1')	8/7/2023		X		Comp	1	X	X	X								34			
CS-25	(1')	8/7/2023		X		Comp	1	X	X	X								25			
CS-26	(1')	8/7/2023		X		Comp	1	Х	Х	X								20			
CS-27	(1')	8/7/2023		X		Comp	1	Х	Х	X								27			
SW-1	(1')	8/7/2023		X		Comp	1	Х	Х	X								28			
SW-2	(1')	8/7/2023		X		Comp	1	Х	Х	Х								29			
344-7	(0.5')	8/7/2023		X		Comp	1	X	X	X								30			

1)	Relinquished by: (Signature)	, Date/Time	Received by: (Signature)	Date/Time
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Received by OCD: 8/15/2023 8:53:46 AM

Received by OCD: 8/15/2023 8:53:46 AM

Chain of Custody

Work Order No: 43341710

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	3-6823				City, State ZIP:							Reporting:Level II Level III ST/UST RRP Level IV					Level IV		
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	tratocaster 20 Fed 28	84 (4.27.23)	Turn	Around							ANAL	YSIS RE	QUEST				Presen	Preservative Codes	
ject Number.	2034		Routine	✓ Rush	1	Pres. Code					T	TT					None: NO	DI Water: H ₂ (
ect Location	Lea County, New	Mexico	Due Date:	241	Hrs								\top				Cool: Cool	MeOH: Me	
npler's Name:	KB							MRO)						1 1			HCL: HC	HNO ₃ : HN	
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nple Custody Seals:	Yes No N/A	Temperature R		3.9			m	PW SW	5						1 1		Zn Acetate+N		
al Containers:		Corrected Temp	erature:					801					-		1 1	NaOH+Ascorbic A		oic Acid: SAPC	
Sample Identification	n Date	Time	Soil	Water	Grab/ Comp	# of Cont		ĮĘ.									Sample	Comments	
SW-4 (1')	8/7/2023		X	1	Comp	1	Х	X '	Х								3 '		
SW-5 (0.5')	8/7/2023		Х		Comp	1	X	Х	Х								32		
SW-6 (0.5')	8/7/2023		X		Comp	1	Х	Х	X								33		
SW-7 (0.5')	8/7/2023		Х		Comp	1	X	Х	Х							\neg	34		
SW-8 (1')	8/7/2023		X		Comp	1	X	Х	Х								35		
SW-9 (1')	8/7/2023		Х		Comp	1	Х	Х	Х								310		
SW-10 (1')	8/7/2023		Х		Comp	1	X	Х	X						11		37		
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nments: Email to Mike	Carmona / Mcarmo	ona@carmonari	esources.com	and Con	ner Mo	ehring /	Cmo	ehrine	@carn	nonareso	ources.o	om							
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August 09, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: STRATOCASTER 20 FED 2 & 4 (4.27.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/08/23 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/08/2023 Reported: 08/09/2023

08/09/2023 STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (1') (H234225-01)

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	08/09/2023	ND	2.14	107	2.00	3.20	
Toluene*	<0.050	0.050	08/09/2023	ND	2.06	103	2.00	3.29	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	1.93	96.4	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	5.76	96.0	6.00	4.22	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 71.5-13	4						
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	08/09/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	163	81.6	200	0.705	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	182	90.9	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/08/2023 Reported: 08/09/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 20 (1.5') (H234225-02)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 08/09/2023 08/09/2023	Method Blank ND	BS 2.14	% Recovery	True Value QC	RPD 3.20	Qualifier
<0.050 <0.050	0.050			2.14	107	2.00	2 20	
<0.050		08/09/2023	ND				3.20	
	0.050		ND	2.06	103	2.00	3.29	
<0.150	0.050	08/09/2023	ND	1.93	96.4	2.00	4.51	
	0.150	08/09/2023	ND	5.76	96.0	6.00	4.22	
<0.300	0.300	08/09/2023	ND					
90.6	% 71.5-13	4						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
160	16.0	08/09/2023	ND	400	100	400	7.69	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/08/2023	ND	163	81.6	200	0.705	
<10.0	10.0	08/08/2023	ND	182	90.9	200	5.58	
<10.0	10.0	08/08/2023	ND					
	0/ 40.2.12							
95.4	% 48.2-13	4						
	Result 160 mg Result <10.0 <10.0 <10.0	mg/kg Result Reporting Limit 160 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	mg/kg Analyzed Result Reporting Limit Analyzed 160 16.0 08/09/2023 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank 160 16.0 08/09/2023 ND Manalyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0 10.0 08/08/2023 ND <10.0 08/08/2023 ND	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 160 16.0 08/09/2023 ND 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 160 16.0 08/09/2023 ND 400 100 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 160 16.0 08/09/2023 ND 400 100 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 160 16.0 08/09/2023 ND 400 100 400 7.69 Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

Applyzod By: MC

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 08/08/2023 Reported: 08/09/2023

STRATOCASTER 20 FED 2 & 4 (4.27.23)

Project Name: STRA Project Number: 2034

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 08/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (1.5') (H234225-03)

BTEX 8021B

DIEX 8021B	ilig	kg	Allalyze	u by. M3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2023	ND	2.14	107	2.00	3.20	
Toluene*	<0.050	0.050	08/09/2023	ND	2.06	103	2.00	3.29	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	1.93	96.4	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	5.76	96.0	6.00	4.22	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/09/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	163	81.6	200	0.705	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	182	90.9	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Analyzed By: MS

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Celeg D. Freene



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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Celeg D. Freene

8:53:46 AM

8/15/2023

OCD:

Received by

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Work Order No: <u>H234225</u>

Project Manager: Conner Moehring Bill to: (if different) Carmona Resources **Work Order Comments** Carmona Resources Company Name: Company Name: Program: UST/PST PRP Prownfields RC perfund 310 W Wall St Ste 500 State of Project: Address: Address: Reporting:Level II Level III ST/UST RRP Level IV City, State ZIP: Midland, TX 79701 City, State ZIP: 432-813-6823 Deliverables: EDD ADaPT Other: Phone: Email: mcarmona@carmonaresources.com Stratocaster 20 Fed 2&4 (4.27.23) Project Name: **Turn Around ANALYSIS REQUEST Preservative Codes** Pres, Routine Project Number: 2034 ✓ Rush DI Water: H₂O None: NO Code Project Location Lea County, New Mexico Due Date: 24 Hrs Cool: Cool MeOH: Me + MRO) Sampler's Name: KB HCL: HC HNO3: HN PO#: H2SO4: H2 NaOH: Na 8015M (GRO + DRO SAMPLE RECEIPT Yes No Temp Blank: Wet Ice: Yes No HaPOA: HP Yes Received Intact No Thermometer ID: NaHSO₄: NABIS Cooler Custody Seals: Yes No N/A Correction Factor: Na2S2O3: NaSO3 5.32 Sample Custody Seals: Yes No N/A Temperature Reading: Zn Acetate+NaOH: Zn Total Containers: Corrected Temperature: NaOH+Ascorbic Acid: SAPC Grab/ # of Sample Identification Date Time Soil Water Sample Comments Cont Comp CS-12 (1') 8/8/2023 X Comp 1 X X X CS-20 (1.5') 8/8/2023 X 1 X Comp X X CS-22 (1.5') 8/8/2023 X Comp 1 X X X Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com Relinquished by: (Signature) Date/Time Received by: (Signature) Date/Time

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

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 252089

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	252089
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/29/2023