

SITE INFORMATION

Closure Report Baseball Cap Federal 25P (06.01.23) Incident #: NAPP2315638497 Lea County, New Mexico Unit P Sec 25 T24S R34E 32.1841°, -103.4174°

Crude Oil Release Point of Release: Flare fire Release Date: 06.01.23 Volume Released: 1.9218 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

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



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August 19, 2023

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

Re: Closure Report Baseball Cap Federal 25P (06.01.23) Concho Operating, LLC Site Location: Unit P, S25, T24S, R34E (Lat 32.1841°, Long -103.4174°) 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 Baseball Cap Federal 25P (06.01.23). The site is located at 32.1841, -103.4174 within Unit P, S25, T24S, 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 June 1, 2023, due to a free water knockout overfill causing a flare fire. It resulted in approximately one point nine two one eight (1.9218) barrels of crude oil and zero (0) barrels of crude oil recovered. The impacted area occurred on the pad and 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, one known water source is within a 0.50-mile radius of the location. The closest well is approximately 0.43 miles northeast of the site in S25, T24S, R34E and was drilled in 2023. The well has a reported depth to groundwater of 180 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, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On June 8, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) sample points (S-1 through S-5) and six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 1.0' bgs inside and around the perimeter of 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 4, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of fifteen (15) confirmation floor samples were collected (CS-1 through CS-15), and eleven (11) sidewall samples (SW-1 through SW-11) 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.

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 180 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 contact us at 432-813-1992.

Sincerely, Carmona Resources, LLC

Mike Carmona Environmental Manager

Conner Moehring Sr. Project Manager













APPENDIX A



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Table 1 COG Operating, LLC Baseball Cap Federal 25P (06.01.23) Lea County, New Mexico

	_			TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
On Pad (Below)												
	6/8/2023	0-3"	<249	10,100	<249	10,100	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	67.1
S-1	"	6"	<249	12,400	<249	12,400	<0.00202	0.0119	<0.00202	<0.00403	0.0119	62.5
	"	1'	<49.9	116	<49.9	116	<0.00200	0.0102	<0.00200	<0.00401	0.0102	41.8
						Off Pad (Below)						
	6/8/2023	0-3"	<249	7,340	<249	7,340	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.1
S-2	"	6"	<49.9	123	<49.9	123	<0.00200	0.0106	<0.00200	<0.00400	0.0106	51.4
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	50.7
	6/8/2023	0-3"	<249	11,400	<249	11,400	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	44.4
S-3	"	6"	<250	10,100	<250	10,100	<0.00201	0.0127	<0.00201	0.0600	0.0727	43.5
	"	1'	<49.9	107	<49.9	107	<0.00200	<0.00200	<0.00200	0.0437	0.0437	39.6
	6/8/2023	0-3"	<49.8	151	<49.8	151	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	37.8
S-4	"	6"	<49.9	64.5	<49.9	64.5	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	54.8
	"	1'	<50.0	63.0	<50.0	63.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	56.5
	6/8/2023	0-3"	<49.9	100	<49.9	100	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29.1
S-5	"	6"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	60.1
	"	1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.3
H-1	6/8/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	43.7
H-2	6/8/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.6
H-3	6/8/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	42.2
H-4	6/8/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	45.2
H-5	6/8/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	37.3
H-6	6/8/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.3
	ry Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet

(S) Soil Sample (H) Horizontal Sample Removed

Table 2 COG Operating, LLC Baseball Cap Federal 25P (06.01.23) Lea County, New Mexico

Comula ID	Dete	Domth (ft)		ТРН	(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	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	16.0
CS-3	8/8/2023	1.0	<10.0	18.1	<10.0	18.1	<0.00199	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	32.0
CS-5	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00201	<0.050	<0.050	<0.150	<0.300	16.0
CS-6	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00201	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00199	<0.050	<0.050	<0.150	<0.300	16.0
CS-8	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00198	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00202	<0.050	<0.050	<0.150	<0.300	32.0
CS-10	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00199	<0.050	<0.050	<0.150	<0.300	16.0
CS-11	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	32.0
CS-12	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00202	<0.050	<0.050	<0.150	<0.300	16.0
CS-13	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00201	<0.050	<0.050	<0.150	<0.300	16.0
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Smaple

Table 2 COG Operating, LLC Baseball Cap Federal 25P (06.01.23) Lea County, New Mexico

	Data		TPH (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	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00198	<0.050	<0.050	<0.150	<0.300	96.0
SW-2	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00199	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00201	<0.050	<0.050	<0.150	<0.300	<16.0
SW-5	8/8/2023	0.5	<10.0	11.8	<10.0	11.8	<0.00200	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	8/8/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.00199	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	8/8/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.00199	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.050	<0.050	<0.150	<0.300	16.0
SW-10	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00201	<0.050	<0.050	<0.150	<0.300	32.0
SW-11	8/8/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.00202	<0.050	<0.050	<0.150	<0.300	16.0
	ry Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

APPENDIX B



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility:	Baseball Cap Federal 25P
	(06.01.23)

County: Lea County, New Mexico

Description:

View South, Area of CS-1 through CS-3.



Photograph No. 2

Facility:	Baseball Cap Federal 25P (06.01.23)
County:	Lea County, New Mexico

Description:

View Northwest, area of CS-4 through CS-11.



Photograph No. 3

Facility:	Baseball Cap Federal 25P
	(06.01.23)

County: Lea County, New Mexico

Description:

View Sotuh, area of CS-12 through CS-15.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility:	Baseball Cap Federal 25P
	(06.01.23)

County: Lea County, New Mexico

Description:

View Northwest, backfilled area of CS-1 through CS-7.



Photograph No. 5

Facility:	Baseball Cap Federal 25P
	(06.01.23)

County: Lea County, New Mexico

Description:

View Southeast, backfilled area of CS-8 through CS-15.



APPENDIX C



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

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Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude	

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

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

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

The source of the release has been stopped.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name	Title:
Signature: _ Partiane Jospanger	Date:
email:	Telephone:
OCD Only	
Received by: Jocelyn Harimon	Date: 06/05/2023

Page 2

NADD2215628/	07				Spil	Calculation - Subsurface S	pill - Rectangle				Remediation	on Recommendation
Convert Irregular shape into a series of rectangles			M Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%.)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)	Total Estimated Contaminated Soil, uncompacted, 25% (yd ³ .)	Page 20 of 1/41 Current Rule of Thumb - RMR Handover Volume, (yd ³ .)
Rectangle A	5.0	15.0	0.1	On-Pad∽	8.00%	0.14	0.01		0.00	0.01	0.04	
Rectangle B	150.0	60.0	0.1	Off-Pad ∽	11.45%	16.69	1.91		0.00	1.91	4.34	
Rectangle C	1	1		~		0.00					0.00	
Rectangle D				~		0.00					0.00	
Rectangle E				~		0.00				H	0.00	750
Rectangle F				~		0.00					0.00	750
Rectangle G	1			~	1	0.00					0.00	
Rectangle H	1			~		0.00				Ph	0.00	
Rectangle I				~		0.00					0.00	
Released to Imaging:	2/5/2023	11:56:3	0 AM	~		0.00					0.00	
					Total St	ubsurface Volume Released:	1.9218		0.0000	1.9218	4.38	BU

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator: COG OPERATING LLC	OGRID: 229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	223844
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

_			
Crea	ated By	Condition	Condition Date
iba	rimon		6/5/2023
jna	arimon	None	0/5/2023

CONDITIONS

Action 223844

Received by OCD: 8/22/2023 10:25:35 AM Form C-141 State of New Mexico

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?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗌 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🗌 No

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

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

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

Laboratory data including chain of custody

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

Received by OCD: 8/22/2 Form C-141 Page 4	023 10:25:35 AM State of New Mexico Oil Conservation Division		Page 23Incident IDDistrict RPFacility IDApplication ID					
regulations all operators an public health or the enviro failed to adequately invest	formation given above is true and complete to the re required to report and/or file certain release not nment. The acceptance of a C-141 report by the 0 igate and remediate contamination that pose a thro of a C-141 report does not relieve the operator of	ifications and perform co OCD does not relieve the eat to groundwater, surfa-	rrective actions for rele operator of liability sh ce water, human health	eases which may endanger ould their operations have or the environment. In				
Printed Name:		_ Title:						
Signature: Jacob	Laird	Date:	_					
email:		Telephone:						
OCD Only								
Received by: <u>Shelly V</u>	Vells	Date: 8/22/2	2023					

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Page 6

Oil Conservation Division

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.

<u>Closure Report Attachment Checklist</u>: Each of the following i	tems must be included in the closure report.						
A scaled site and sampling diagram as described in 19.15.29.	1 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 OD	C 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 rep human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in						
Printed Name:	Title:						
Signature: Jacob Laird	Date:						
email:	Telephone:						
OCD Only							
Received by: <u>Shelly Wells</u>	Date: <u>8/22/2023</u>						
	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: <u>Nelson Velez</u>	Date:12/05/2023						
Printed Name: Nelson Velez	Environmental Specialist - Adv						

From: Wells, Shelly, EMNRD
Sent: Friday, August 4, 2023 9:54 AM
To: Conner Moehring
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] COG - Baseball Cap Federal 25P (06.01.23) - NAPP2315638497 - Sampling Notification

Good morning Conner,

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 <<u>Cmoehring@carmonaresources.com</u>>
Sent: Friday, August 4, 2023 7:02 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Cc: Laird, Jacob <<u>Jacob.Laird@conocophillips.com</u>>; Mike Carmona
<<u>Mcarmona@carmonaresources.com</u>>; Devin Dominguez <<u>Ddominguez@carmonaresources.com</u>>
Subject: [EXTERNAL] COG - Baseball Cap Federal 25P (<u>06.01.23</u>) - NAPP2315638497 - Sampling Notification

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

Good Morning,

This email serves as a notification for confirmation sampling on the Baseball Cap Federal 25P (06.01.23). Sampling is scheduled to begin on <u>Tuesday</u>, <u>August 8th</u>, around 7:30 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. NAPP2315638497

Please call if you have any questions or comments.

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



APPENDIX D



Received by OCD: 8/22/2023 10:25:35 AM Nearest water well COG Operating 14.77 -4. k. ** 180' - Drilled 2023 Baseball Cap Federal 25P (06.01.23) ł 1.75 100 223.94" - Drilled 2013 -15 139.60 - Drilled 1981 1 1 (260' - Drilled 1961 (manual) Google Earth T Released to Imaging: 12/5/2023 11:56:30 AM mage @ 2023 CHES / Airbus

Legend	Page 28 of 141
🎝 0.43 Miles	
locitie Radius	
location 4 10 10 10 10 10 10 10 10 10 10 10 10 10	
a 1.33 Miles	
🍰 1.48 Miles	
Baseball Cap Federal 25	5P (06.01.23)
NMSEO Water Well	
USGS Water Well	



Received by OCD: 8/22/2023 10:25:35 AM

COG Operating

Baseball Cap Federal 25P (06.01.23)

Google Earth Released to Imaging: 12/5/2023 11:56:30 AM mage © 2023 CNES / Arbus



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)	(2=NE 3	≔SW 4=SE gest) (N/) AD83 UTM in me	eters)	(In feet)	
POD Number	POD Sub- Code basin (County	-	Q 16	-	Sec	Tws	Rng	x	Y	Distance	-	Depth Water	Water Column
C 04682	С	LE	4	4	2	25	24S	34E	649349	3562621 🌍	700	290	180	110
C 04042 POD1	CUB	LE	2	1	4	36	24S	34E	648539	3561545 🌍	763			
CP 00839 POD1	CP	LE		4	3	30	24S	35E	650017	3561833* 🌍	830	175		
<u>C 02401</u>	CUB	LE	2	2	1	01	25S	34E	648534	3559896* 🌍	2146	275	260	15
C 03942 POD1	CUB	LE	3	1	2	35	24S	34E	647005	3561246 🌍	2295	420	222	198
<u>C 02388</u>	CUB	LE			3	05	25S	35E	651467	3558832* 🌍	3850	180	165	15
										Avera	ge Depth to	Water:	206	feet
											Minimum	Depth:	165	feet
											Maximum	Depth:	260	feet

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 649193

Northing (Y): 3561939

Radius: 4000

Page 30 of 141

*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.



New Mexico Office of the State Engineer **Point of Diversion Summary**

			(quarter	s are 1=1	NW 2=1	NE 3=SW	/ 4=SE)			
			(quarte	ers are sr	nallest t	o largest		(NAD83 U	M in meters)	
Well Tag	POD) Number	Q64 (Q16 Q4	4 Sec	Tws	Rng	Х	Y	
NA	C 0	4682	4	4 2	25	24S	34E	649349	3562621)
Driller Lic	ense:	1058	Driller	Compa	ny:	KE	Y'S DRI	ILLING & P	UMP SERVI	CE
Driller Nai	me:	GARY KEY								
Drill Start	Date:	12/20/2022	Drill Fi	nish Da	ate:	0	1/18/202	23 Plu	g Date:	01/18/2023
Log File D	ate:	02/08/2023	PCW R	cv Dat	e:			So	arce:	Shallow
Pump Type	e:		Pipe Di	scharg	e Size	:		Est	imated Yield	1: 3 GPM
Casing Size	e:	4.50	Depth V	Vell:		2	90 feet	De	pth Water:	180 feet
X	Wate	er Bearing Stratif	ications:	1	Гор	Botton	Desci	ription		
				1	157	270) Sands	stone/Gravel	/Conglomera	te
K		Casing Per	forations:	1	Гор	Botton	l			
				i	160	290)			

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.

6/5/23 11:51 AM

POINT OF DIVERSION SUMMARY



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

- Explore the NEW USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321039103243402

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321039103243402 24S.35E.30.342331

Lea County, New Mexico Latitude 32°10'39", Longitude 103°24'34" NAD27 Land-surface elevation 3,343 feet above NAVD88 The depth of the well is 176 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Chinle Formation (231CHNL) local aquifer.

 Output formats

 Table of data

 Tab-separated data

 Graph of data

 Reselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measure
1970-12-08		D	62610		3201.64	NGVD29	1	Z	2	
1970-12-08		D	62611		3203.19	NAVD88	1	Z	-	
1970-12-08		D	72019	139.81			1	Z	2	
1976-01-15		D	62610		3202.27	NGVD29	1	Z		
1976-01-15		D	62611		3203.82	NAVD88	1	Z	2	
1976-01-15		D	72019	139.18			1	Z		
1981-03-20		D	62610		3201.85	NGVD29	1	Z	2	
1981-03-20		D	62611		3203.40	NAVD88	1	Z		
1981-03-20		D	72019	139.60			1	Z	<u>,</u>	

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

Received by QGD: 8/22/2023 10:25:35 AM

USGS Groundwater for New Mexico: Water Levels -- 1 sites

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

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2023-06-05 13:59:09 EDT 0.78 0.52 nadww02



.



2
d: 4 GPM
260 feet
elo :

*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.

6/5/23 11:52 AM

POINT OF DIVERSION SUMMARY

Received by OCD: 8/22/2023 10:25:35 AM



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

- Explore the *NEW* <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321025103263601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321025103263601 24S.34E.35.12411

Lea County, New Mexico Latitude 32°10'44.0", Longitude 103°26'31.2" NAD83 Land-surface elevation 3,409.00 feet above NGVD29 The depth of the well is 257 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1953-03-29		D	62610		3185.10	NGVD29	1	Z		
1953-03-29		D	62611		3186.69	NAVD88	1	Z		
1953-03-29		D	72019	223.90			1	Z		
1971-01-13		D	62610		3190.96	NGVD29	1	Z		
1971-01-13		D	62611		3192.55	NAVD88	1	Z		
1971-01-13		D	72019	218.04			1	Z		
1976-01-15		D	62610		3189.94	NGVD29	1	Z		
1976-01-15		D	62611		3191.53	NAVD88	1	Z		
1976-01-15		D	72019	219.06			1	Z		
1981-03-20		D	62610		3191.29	NGVD29	1	Z		
1981-03-20		D	62611		3192.88	NAVD88	1	Z		
1981-03-20		D	72019	217.71			1	Z		
1986-03-06		D	62610		3185.50	NGVD29	1	Z		
1986-03-06		D	62611		3187.09	NAVD88	1	Z		

Received by OFD: 8/22/2023 10:25:35 AM

USGS Groundwater for New Mexico: Water Levels -- 1 sites

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Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1986-03-06		D	72019	223.50			1	Z		
1991-05-31		D	62610		3189.82	NGVD29	1	Z		
1991-05-31		D	62611		3191.41	NAVD88	1	Z		
1991-05-31		D	72019	219.18			1	Z		
1996-03-14		D	62610		3189.81	NGVD29	1	S		
1996-03-14		D	62611		3191.40	NAVD88	1	S		
1996-03-14		D	72019	219.19			1	S		
2013-01-16	22:00 UTC	m	62610		3185.06	NGVD29	1	S	USGS	S
2013-01-16	22:00 UTC	m	62611		3186.65	NAVD88	1	S	USGS	5
2013-01-16	22:00 UTC	m	72019	223.94			1	S	USGS	S

Explanation

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

Questions or Comments

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Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2023-06-05 13:58:14 EDT 1.5 0.46 nadww02



.
New Mexico NFHL Data



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

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APPENDIX E



Received by OCD: 8/22/2023 10:25:35 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 6/15/2023 1:24:39 PM

JOB DESCRIPTION

Baseball Cap Federal 25P (06.01.23) SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-29349-1

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

AMER

Generated 6/15/2023 1:24:39 PM

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

Laboratory Job ID: 880-29349-1 SDG: Lea County, New Mexico

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QC Sample Results	12
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Lab Chronicle	22
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
	28

Definitions/Glossary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29349-1 SDG: Lea County, New Mexico

Qualifiers

		5
GC VOA		
Qualifier	Qualifier Description	
*_	LCS and/or LCSD is outside acceptance limits, low biased.	
*1	LCS/LCSD RPD exceeds control limits.	5
F1	MS and/or MSD recovery exceeds control limits.	
F2	MS/MSD RPD exceeds control limits	
S1-	Surrogate recovery exceeds control limits, low biased.	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VO	Α	
Qualifier	Qualifier Description	8
S1-	Surrogate recovery exceeds control limits, low biased.	U
S1+	Surrogate recovery exceeds control limits, high biased.	0
U	Indicates the analyte was analyzed for but not detected.	3
HPLC/IC		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	10
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	
ONE	Ornation No Free Linuid	

CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)

Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

 MDC
 Minimum Detectable Concentration (Radiochemistry)

 MDL
 Method Detection Limit

ML Minimum Level (Dioxin)

MPN Most Probable Number

MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent

 POS
 Positive / Present

 PQL
 Practical Quantitation Limit

PRES Presumptive

QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

- RPD Relative Percent Difference, a measure of the relative difference between two points
- TEF Toxicity Equivalent Factor (Dioxin)

TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Midland

Job ID: 880-29349-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-29349-1

Receipt

The samples were received on 6/9/2023 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (880-29349-1), H-2 (880-29349-2), H-3 (880-29349-3), H-4 (880-29349-4), H-5 (880-29349-5) and H-6 (880-29349-6).

GC VOA

Method 8021B: CCV was biased low for o-xylene and m,p xylenes. Another CCV was analyzed and acceptable for the compounds within the 12 hour window; therefore, the associated data was qualified and reported. (CCV 880-55243/33)

Method 8021B: CCV was biased low for benzene. Another CCV was analyzed and acceptable for the compound within the 12 hour window; therefore, the associated data was qualified and reported.(CCV 880-55243/51)

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-55215/1-A), (MB 880-55176/5-A) and (MB 880-55215/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-55378 and analytical batch 880-55374 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 samples were outside control limits: H-2 (880-29349-2), (MB 880-55378/5-A), (880-29349-A-2-D MS) and (880-29349-A-2-E MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-55378 and analytical batch 880-55374 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: Surrogate recovery for the following samples were outside control limits: H-1 (880-29349-1), H-2 (880-29349-2), H-3 (880-29349-3), H-4 (880-29349-4), H-5 (880-29349-5), (880-29351-A-11-D), (880-29351-A-11-E MS) and (880-29351-A-11-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-55379/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: H-1

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199		mg/Kg		06/10/23 15:04	06/13/23 07:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/23 15:04	06/13/23 07:14	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		06/10/23 15:04	06/13/23 07:14	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		06/10/23 15:04	06/13/23 07:14	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		06/10/23 15:04	06/13/23 07:14	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/10/23 15:04	06/13/23 07:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	84		70 - 130				06/10/23 15:04	06/13/23 07:14	1
1,4-Difluorobenzene (Surr)	85		70 - 130				06/10/23 15:04	06/13/23 07:14	1
Method: TAL SOP Total BTEX - T	otal BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (G	C)						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/15/23 12:35	1
	<50.0 <50.0		50.0 50.0		mg/Kg mg/Kg		06/13/23 09:45 06/13/23 09:45	06/15/23 08:43 06/15/23 08:43	1
(GRO)-C6-C10	00.0	C	0010				00,10,20 00110	00,10,20 00.10	
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/13/23 09:45	06/15/23 08:43	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/13/23 09:45	06/15/23 08:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane		S1+	70 - 130				06/13/23 09:45	06/15/23 08:43	
o-Terphenyl	128		70 - 130				06/13/23 09:45	06/15/23 08:43	1
Method: EPA 300.0 - Anions, Ion	Chromatogra	ohy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.7		4.98		mg/Kg			06/12/23 15:08	1
							Lab Sam		0240.0
lient Sample ID: H-2								DIE ID. 000-2	9349-2
								-	
ate Collected: 06/08/23 00:00								-	9349-2 x: Solic
ate Collected: 06/08/23 00:00 ate Received: 06/09/23 15:00	Organic Comp	ounds (GC)						-	
ate Collected: 06/08/23 00:00 ate Received: 06/09/23 15:00 Method: SW846 8021B - Volatile	• •	ounds (GC) Qualifier	RL	MDL	Unit	D	Prepared	-	
Elient Sample ID: H-2 ate Collected: 06/08/23 00:00 ate Received: 06/09/23 15:00 Method: SW846 8021B - Volatile Analyte Benzene	• •		RL	MDL	Unit mg/Kg	<u>D</u>		Matri	x: Solid
ate Collected: 06/08/23 00:00 ate Received: 06/09/23 15:00 Method: SW846 8021B - Volatile Analyte	Result	Qualifier		MDL		<u>D</u>	Prepared	Matri	x: Solid



Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29349-1

Matrix: Solid

5

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06/13/23 11:21

06/13/23 11:21

06/13/23 11:21

06/13/23 11:21

Analyzed

06/13/23 11:21

06/13/23 11:21

Ethylbenzene

Xylenes, Total

o-Xylene

Surrogate

m-Xylene & p-Xylene

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

0.00199

0.00398

0.00199

0.00398

Limits

70 - 130

70 - 130

mg/Kg

mg/Kg

mg/Kg

mg/Kg

06/13/23 09:33

06/13/23 09:33

06/13/23 09:33

06/13/23 09:33

Prepared

06/13/23 09:33

06/13/23 09:33

<0.00199 U F1 F2

<0.00398 U F1 F2

<0.00199 U F1 F2

<0.00398 U F1 F2

%Recovery Qualifier

100

69 S1-

1

1

1

1

1

1

Dil Fac

Project/Site: Baseball Cap Federal 25P (06.01.23)

Matrix: Solid

5

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29349-2

Client Sample ID: H-2

Client: Carmona Resources

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/23 17:28	
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			06/15/23 12:35	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/13/23 09:45	06/15/23 09:04	
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/13/23 09:45	06/15/23 09:04	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/13/23 09:45	06/15/23 09:04	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	140	S1+	70 - 130				06/13/23 09:45	06/15/23 09:04	-
o-Terphenyl	120		70 - 130				06/13/23 09:45	06/15/23 09:04	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	38.6		5.02		mg/Kg			06/12/23 15:24	
lient Sample ID: H-3							Lab Sam	ple ID: 880-2	9349-:
ate Collected: 06/08/23 00:00								Matri	x: Soli

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/13/23 09:33	06/13/23 11:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/13/23 09:33	06/13/23 11:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/13/23 09:33	06/13/23 11:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/13/23 09:33	06/13/23 11:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/13/23 09:33	06/13/23 11:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/13/23 09:33	06/13/23 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				06/13/23 09:33	06/13/23 11:42	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/13/23 09:33	06/13/23 11:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier MDL Unit RL D Prepared Analyzed Dil Fac Total BTEX <0.00396 U 0.00396 mg/Kg 06/13/23 17:28 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Analyzed Dil Fac D Prepared Total TPH <49.8 U 06/15/23 12:35 49.8 mg/Kg 1 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) - 1:4:

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg	_	06/13/23 09:45	06/15/23 09:31	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg		06/13/23 09:45	06/15/23 09:31	1
C10-C28)								

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Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29349-3

Client Sample ID: H-3

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/13/23 09:45	06/15/23 09:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				06/13/23 09:45	06/15/23 09:31	1
o-Terphenyl	128		70 - 130				06/13/23 09:45	06/15/23 09:31	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		5.05		mg/Kg			06/12/23 15:29	1

Client Sample ID: H-4

Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC))						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/13/23 09:33	06/13/23 12:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/23 09:33	06/13/23 12:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/13/23 09:33	06/13/23 12:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/13/23 09:33	06/13/23 12:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/13/23 09:33	06/13/23 12:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/13/23 09:33	06/13/23 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				06/13/23 09:33	06/13/23 12:02	1
1,4-Difluorobenzene (Surr)	85		70 - 130				06/13/23 09:33	06/13/23 12:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg	_		06/13/23 17:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			06/15/23 12:35	1	

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/13/23 09:45	06/15/23 09:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/13/23 09:45	06/15/23 09:55	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/13/23 09:45	06/15/23 09:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				06/13/23 09:45	06/15/23 09:55	1
o-Terphenyl	118		70 - 130				06/13/23 09:45	06/15/23 09:55	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.2		5.00		mg/Kg			06/12/23 15:35	1

12 13

Matrix: Solid

Matrix: Solid

5

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Client Sample Results

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: H-5

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 12:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 12:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 12:23	1
n-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/13/23 09:33	06/13/23 12:23	1
p-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 12:23	1
Kylenes, Total	<0.00401	U	0.00401		mg/Kg		06/13/23 09:33	06/13/23 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Bromofluorobenzene (Surr)	85		70 - 130				06/13/23 09:33	06/13/23 12:23	1
1,4-Difluorobenzene (Surr)	82		70 - 130				06/13/23 09:33	06/13/23 12:23	1
Method: TAL SOP Total BTEX - 1	otal BTEX Calo	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/13/23 17:28	1
Method: SW846 8015 NM - Diese	I 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			06/15/23 12:35	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Basoline Range Organics	<49.8	U	49.8		mg/Kg		06/13/23 09:45	06/15/23 10:17	1
GRO)-C6-C10									
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/13/23 09:45	06/15/23 10:17	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/13/23 09:45	06/15/23 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Chlorooctane	135	S1+	70 - 130				06/13/23 09:45	06/15/23 10:17	1
p-Terphenyl	115		70 - 130				06/13/23 09:45	06/15/23 10:17	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.3		4.96		mg/Kg			06/12/23 15:40	1
lient Sample ID: H-6							Lab Sam	ple ID: 880-2	9349-6
ate Collected: 06/08/23 00:00								Matri	x: Solic
ate Received: 06/09/23 15:00									
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	< 0.00199	-	0.00199		mg/Kg		06/13/23 09:33	06/13/23 12:43	1

Analyte	Result	Quanner		onne	 ricparca	Analyzeu	Dirruc
Benzene	<0.00199	U	0.00199	 mg/Kg	 06/13/23 09:33	06/13/23 12:43	1
Toluene	<0.00199	U	0.00199	mg/Kg	06/13/23 09:33	06/13/23 12:43	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg	06/13/23 09:33	06/13/23 12:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg	06/13/23 09:33	06/13/23 12:43	1
o-Xylene	<0.00199	U	0.00199	mg/Kg	06/13/23 09:33	06/13/23 12:43	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg	06/13/23 09:33	06/13/23 12:43	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130		06/13/23 09:33	06/13/23 12:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130		06/13/23 09:33	06/13/23 12:43	1

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Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29349-5

Matrix: Solid

Project/Site: Baseball Cap Federal 25P (06.01.23)

Matrix: Solid

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29349-6

Client Sample ID: H-6

Client: Carmona Resources

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/23 17:28	1	
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			06/14/23 09:50	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 (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/12/23 10:46	06/13/23 14:54	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/12/23 10:46	06/13/23 14:54	1	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/12/23 10:46	06/13/23 14:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	131	S1+	70 - 130				06/12/23 10:46	06/13/23 14:54	1	
o-Terphenyl	147	S1+	70 - 130				06/12/23 10:46	06/13/23 14:54	1	ŝ
Method: EPA 300.0 - Anions, Ion	Chromatogram	hv - Solubi	e							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	30.3		4.99		mg/Kg		·	06/12/23 15:45	1	

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Released to Imaging: 12/5/2023 11:56:30 AM

Surrogate Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

_				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-29349-1	H-1	84	85		
880-29349-2	H-2	69 S1-	100		
880-29349-2 MS	H-2	53 S1-	110		- 22
880-29349-2 MSD	H-2	97	109		
880-29349-3	H-3	84	89		
880-29349-4	H-4	87	85		
880-29349-5	H-5	85	82		
880-29349-6	H-6	85	85		
880-29350-A-1-B MS	Matrix Spike	100	123		
880-29350-A-1-C MSD	Matrix Spike Duplicate	96	101		
LCS 880-55215/1-A	Lab Control Sample	58 S1-	113		
LCS 880-55378/1-A	Lab Control Sample	101	110		
LCSD 880-55215/2-A	Lab Control Sample Dup	116	114		
LCSD 880-55378/2-A	Lab Control Sample Dup	98	108		
MB 880-55176/5-A	Method Blank	69 S1-	98		
MB 880-55215/5-A	Method Blank	64 S1-	100		
MB 880-55378/5-A	Method Blank	67 S1-	102		1
Surrogate Legend					
BFB = 4-Bromofluorober	zene (Surr)				

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

—			
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-29349-1	H-1	149 S1+	128
880-29349-2	H-2	140 S1+	120
880-29349-3	H-3	153 S1+	128
880-29349-4	H-4	142 S1+	118
880-29349-5	H-5	135 S1+	115
880-29349-6	H-6	131 S1+	147 S1+
880-29351-A-11-E MS	Matrix Spike	137 S1+	110
880-29351-A-11-F MSD	Matrix Spike Duplicate	135 S1+	110
890-4807-A-1-D MS	Matrix Spike	108	119
890-4807-A-1-E MSD	Matrix Spike Duplicate	108	118
LCS 880-55253/2-A	Lab Control Sample	100	119
LCS 880-55379/2-A	Lab Control Sample	108	93
LCSD 880-55253/3-A	Lab Control Sample Dup	97	113
LCSD 880-55379/3-A	Lab Control Sample Dup	109	92
MB 880-55253/1-A	Method Blank	114	146 S1+
MB 880-55379/1-A	Method Blank	0.02 S1-	0.01 S1-

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

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Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-55176	/5-A								Client S	ample ID: Metho	od Blank
Matrix: Solid										Prep Type:	Total/NA
Analysis Batch: 55243										Prep Batc	h: 55176
	MB	MB									
Analyte	Result	Qualifier	RL		MDL	Unit		D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200			mg/Kg			06/09/23 16:35	06/12/23 12:26	1
Toluene	<0.00200	U	0.00200			mg/Kg			06/09/23 16:35	06/12/23 12:26	1
Ethylbenzene	<0.00200	U	0.00200			mg/Kg			06/09/23 16:35	06/12/23 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400			mg/Kg			06/09/23 16:35	06/12/23 12:26	1
o-Xylene	<0.00200	U	0.00200			mg/Kg			06/09/23 16:35	06/12/23 12:26	1
Xylenes, Total	<0.00400	U	0.00400			mg/Kg			06/09/23 16:35	06/12/23 12:26	1
	МВ	МВ									
Surrogate	%Recovery	Qualifier	Limits						Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130						06/09/23 16:35	06/12/23 12:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130						06/09/23 16:35	06/12/23 12:26	1
Lab Sample ID: MB 880-55215	/5-A								Client S	ample ID: Metho	od Blank
Matrix: Solid										Prep Type:	Total/NA
Analysis Batch: 55243										Prep Batc	h: 55215
-	MB	МВ									
Analyte	Result	Qualifier	RL		MDL	Unit		D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	· · · · · · · · · · · · · · · · · · ·		mg/Kg		_	06/10/23 15:04	06/12/23 23:23	1
Toluene	<0.00200	U	0.00200			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
Ethylbenzene	<0.00200	U	0.00200			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
o-Xylene	<0.00200	U	0.00200			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
Xylenes, Total	<0.00400	U	0.00400			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
	МВ	МВ									
Surrogate	%Recovery	Qualifier	Limits						Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130						06/10/23 15:04	06/12/23 23:23	1
1,4-Difluorobenzene (Surr)	100		70 - 130						06/10/23 15:04	06/12/23 23:23	1
Lab Sample ID: LCS 880-5521	5/1-A							С	lient Sample	ID: Lab Control	Sample
Matrix: Solid										Prep Type:	Total/NA
Analysis Batch: 55243										Prep Batc	h: 55215
			Spike	LCS	LCS	;				%Rec	
Analyte			Added	Result	Qua	lifier	Unit		D %Rec	Limits	_
Benzene			0.100	0.1189			mg/Kg		119	70 - 130	
Toluene			0.100	0.08605			mg/Kg		86	70 - 130	
Ethylbenzene			0.100	0.07514			mg/Kg		75	70 - 130	
m-Xylene & p-Xylene			0.200	0.1385	*_		mg/Kg		69	70 - 130	
o-Xylene			0.100	0.06744	*-		mg/Kg		67	70 - 130	
	LCS LCS										
Surrogate	%Recovery Qua	lifier	Limits								
4-Bromofluorobenzene (Surr)	58 S1-		70 - 130								
1,4-Difluorobenzene (Surr)	113		70 - 130								
Lab Sample ID: LCSD 880-552	15/2-A						Cli	ent	Sample ID: L	ab Control San	nple Dup
Matrix: Solid										Prep Type:	Total/NA

Matrix: Solid							Ргер	Type: To	
Analysis Batch: 55243							Pre	Batch:	55215
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1266		mg/Kg		127	70 - 130	6	35

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Job ID: 880-29349-1 SDG: Lea County, New Mexico

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Prep Batch: 55215

Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 55378

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

Lab Sample ID: LCSD 880-5	5215/2-A			Client Sample ID: Lab Control Sam Prep Type: 1								
Matrix: Solid Analysis Batch: 55243										Batch:		
			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Toluene			0.100	0.1075		mg/Kg		108	70 - 130	22	35	
Ethylbenzene			0.100	0.1173	*1	mg/Kg		117	70 - 130	44	35	
m-Xylene & p-Xylene			0.200	0.2409	*1	mg/Kg		120	70 - 130	54	35	
o-Xylene			0.100	0.1199	*1	mg/Kg		120	70 - 130	56	35	
	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)			70 - 130									
1,4-Difluorobenzene (Surr)	114		70 - 130									
– Lab Sample ID: 880-29350-/ Matrix: Solid	A-1-B MS						Client	Sample ID Prep 1	: Matrix Type: To			

Analysis Batch: 55243

-	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00198	U	0.0996	0.09110		mg/Kg		91	70 - 130
Toluene	<0.00198	U F1	0.0996	0.04611	F1	mg/Kg		45	70 - 130
Ethylbenzene	<0.00198	U *1 F1	0.0996	0.02595	F1	mg/Kg		26	70 - 130
m-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.199	0.05230	F1	mg/Kg		26	70 - 130
o-Xylene	<0.00198	U *- *1 F1	0.0996	0.02748	F1	mg/Kg		27	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-29350-A-1-C MSD Matrix: Solid Analysis Batch: 55243

Analysis Batch: 55243									Prep	Batch:	55215
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.0992	0.08017		mg/Kg		81	70 - 130	13	35
Toluene	<0.00198	U F1	0.0992	0.05884	F1	mg/Kg		58	70 - 130	24	35
Ethylbenzene	<0.00198	U *1 F1	0.0992	0.02107	F1	mg/Kg		21	70 - 130	21	35
m-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.198	0.04185	F1	mg/Kg		21	70 - 130	22	35
o-Xylene	<0.00198	U *- *1 F1	0.0992	0.02162	F1	mg/Kg		21	70 - 130	24	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

МВ МВ

Lab Sample ID: MB 880-55378/5-A Matrix: Solid

Analysis Batch: 55374

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 10:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 10:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/23 09:33	06/13/23 10:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/23 09:33	06/13/23 10:59	1

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5

Lab Sample ID: MB 880-55378/5-A

Matrix: Solid

Analyte

o-Xylene

Surrogate

Xylenes, Total

Analysis Batch: 55374

QC Sample Results

RL

0.00200

0.00400

Limits

70 - 130

70 - 130

MDL Unit

mg/Kg

mg/Kg

D

Prepared

06/13/23 09:33

06/13/23 09:33

Prepared

06/13/23 09:33

06/13/23 09:33

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

MB MB

< 0.00200

%Recovery

<0.00400 U

Result Qualifier

U

MB MB /ery Qualifier

67 S1-

102

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Client Sample ID: Method Blank

Analyzed

06/13/23 10:59

06/13/23 10:59

Analyzed

06/13/23 10:59

06/13/23 10:59

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 55378

Dil Fac

Dil Fac

1

1

1

1

4-Bromofluorobenzene (Surr)	
1,4-Difluorobenzene (Surr)	

Lab Sample ID: LCS 880-55378/1-A Matrix: Solid

Analysis Batch: 55374 Prep Batch: 55378 LCS LCS %Rec Spike Analyte Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.1160 mg/Kg 116 70 - 130 Toluene 0.100 0.09792 mg/Kg 98 70 - 130 0.09874 Ethylbenzene 0.100 mg/Kg 99 70 - 130 m-Xylene & p-Xylene 0.200 0.2042 mg/Kg 102 70 - 130 0.09884 o-Xylene 0.100 mg/Kg 99 70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-55378/2-A Matrix: Solid

Analysis Batch: 55374

Analyte

Prep Type: Total/NA Prep Batch: 55378 LCSD LCSD Spike %Rec RPD Added Result Qualifier Unit %Rec Limits RPD Limit D 0.100 0.1151 115 ma/Ka 70 - 130 35 1 5

Benzene	0.100	0.1151	mg/Kg	115	70 - 130	1	35
Toluene	0.100	0.09733	mg/Kg	97	70 - 130	1	35
Ethylbenzene	0.100	0.09593	mg/Kg	96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1970	mg/Kg	99	70 - 130	4	35
o-Xylene	0.100	0.09554	mg/Kg	96	70 - 130	3	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-29349-2 MS Matrix: Solid Analysis Batch: 55374

Analysis Batch: 55374									Prep	Batch: 55378
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.101	0.1034		mg/Kg		103	70 - 130	
Toluene	<0.00199	U	0.101	0.07288		mg/Kg		72	70 - 130	
Ethylbenzene	<0.00199	U F1 F2	0.101	0.06026	F1	mg/Kg		60	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.202	0.1074	F1	mg/Kg		53	70 - 130	
o-Xylene	<0.00199	U F1 F2	0.101	0.05017	F1	mg/Kg		50	70 - 130	

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Client Sample ID: H-2

Prep Type: Total/NA

Released to Imaging: 12/5/2023 11:56:30 AM

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

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

Lab Sample ID: 880-29349-2 MS Matrix: Solid Analysis Batch: 55374

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	53	S1-	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-29349-2 MSD Matrix: Solid

Analysis Batch: 55374 Prep Batch: 55378 Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <0.00199 U 0.100 0.1150 115 70 - 130 11 35 Benzene mg/Kg Toluene <0.00199 U 0.100 0.09684 mg/Kg 97 70 - 130 28 35 Ethylbenzene <0.00199 U F1 F2 0.100 0.09334 F2 mg/Kg 93 70 - 130 43 35 m-Xylene & p-Xylene <0.00398 U F1 F2 0.200 0.1862 F2 mg/Kg 93 70 - 130 54 35 o-Xylene <0.00199 U F1 F2 0.100 0.09100 F2 mg/Kg 91 70 - 130 58 35 MSD MSD %Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 97 70 - 130 1,4-Difluorobenzene (Surr) 109 70 - 130

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

Lab Sample ID: MB 880-55253/1-A Matrix: Solid Analysis Batch: 55372										Client Sa	imple ID: Metho Prep Type: Prep Batc	Total/NA
A	MB	MB				11					Analysis	Dil Fac
Analyte	Kesuit <50.0	Qualifier	RL 50.0		MDL	Unit		D		repared 2/23 10:46	Analyzed 06/13/23 09:46	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0			mg/Kg			00/1	2/23 10.40	00/13/23 09:40	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0			mg/Kg			06/1	2/23 10:46	06/13/23 09:46	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0			mg/Kg			06/1	2/23 10:46	06/13/23 09:46	1
	MB	МВ										
Surrogate	%Recovery	Qualifier	Limits						P	repared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130						06/1	2/23 10:46	06/13/23 09:46	1
o-Terphenyl	146	S1+	70 - 130						06/1	2/23 10:46	06/13/23 09:46	1
Lab Sample ID: LCS 880-55253/2-A Matrix: Solid								Cli	ent	Sample	ID: Lab Control Prep Type:	
Analysis Batch: 55372											Prep Batc	h: 55253
			Spike	LCS	LCS						%Rec	
Analyte			Added	Result	Qual	lifier	Unit		D	%Rec	Limits	
Gasoline Range Organics			1000	900.1			mg/Kg		_	90	70 - 130	

010-028)			
	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	119		70 - 130

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Client Sample ID: H-2

Client Sample ID: H-2

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 55378

(GRO)-C6-C10

C10 C28)

Diesel Range Organics (Over

1000

1169

mg/Kg

117

70 - 130

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29349-1 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-	05253/3-A							Clie	ent Sa	mpie ID:	Lab Contro		
Matrix: Solid												ype: To	
Analysis Batch: 55372											Prep	Batch:	5525
				Spike	LCS	D LC	SD				%Rec		RF
Analyte				Added	Resu	lt Qu	alifier	Unit	D	%Rec	Limits	RPD	Lin
Gasoline Range Organics				1000	950	4		mg/Kg		95	70 - 130	5	2
(GRO)-C6-C10													
Diesel Range Organics (Over				1000	109	0		mg/Kg		109	70 - 130	7	1
C10-C28)													
	LCSD	LCSD											
Surrogate	%Recovery	Qualifi	ier	Limits									
1-Chlorooctane	97			70 - 130									
o-Terphenyl	113			70 - 130									
Lab Sample ID: 890-4807-A	-1-D MS									Client	Sample ID	: Matrix	Spil
Matrix: Solid											Prep T	ype: To	tal/N
Analysis Batch: 55372											Prep	Batch:	552
	Sample	Sample	e	Spike	Μ	S MS	5				%Rec		
Analyte	Result	Qualifi	er	Added	Resu	lt Qu	ualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U		1000	122	7		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U		1000	874	4		mg/Kg		83	70 - 130		
,	MS	MS											
Surrogate	%Recovery	Qualifi	ier	Limits									
1-Chlorooctane	108			70 - 130									
o-Terphenyl	119			70 - 130									
Lab Sample ID: 890-4807-A	-1-E MSD							C	lient	sample IL): Matrix Sp		
Matrix: Solid												ype: To	
Analysis Batch: 55372												Batch:	
	Sample	•		Spike		D MS					%Rec		RF
Analyte		Qualifi	er	Added			alifier	Unit	D	· ·	Limits	RPD	Lir
Gasoline Range Organics GRO)-C6-C10	<49.9	U		998	120	5		mg/Kg		118	70 - 130	2	
Diesel Range Organics (Over C10-C28)	<49.9	U		998	867	7		mg/Kg		83	70 - 130	1	
	MSD	MSD											
	0/ D	Qualifi	ier	Limits									
Surrogate				70 - 130									
=	% <i>Recovery</i> 108												
1-Chlorooctane				70 - 130 70 - 130									
l-Chlorooctane o-Terphenyl	108 118									Client S	ample ID:	Method	Blai
1-Chlorooctane o-Terphenyl Lab Sample ID: MB 880-553	108 118									Client S	ample ID: Prep T		
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: MB 880-553 Matrix: Solid Analysis Batch: 55457	108 118									Client S	Prep T	ype: To	tal/N
I-Chlorooctane o-Terphenyl Lab Sample ID: MB 880-553 Matrix: Solid	108 118		ſВ							Client S	Prep T		tal/N
I-Chlorooctane o-Terphenyl Lab Sample ID: MB 880-553 Matrix: Solid Analysis Batch: 55457	108 118 8 79/1-A	MB N			RL	MD	L Unit		D		Prep T Prep	ype: To Batch:	tal/N 553
1-Chlorooctane o-Terphenyl Lab Sample ID: MB 880-553 Matrix: Solid Analysis Batch: 55457 Analyte	108 118 379/1-A R		Qualifier		RL 50.0	MD	L Unit			Client S Prepared (13/23 09:44	Prep 1 Prep Analyz	ype: To Batch: ed	tal/N
1-Chlorooctane o-Terphenyl Lab Sample ID: MB 880-553		MB M esult C	Qualifier J			MD	L Unit mg/Kg mg/Kg]	06	Prepared	Prep T Prep Analyz 06/14/23 :	bype: To Batch: ed 21:15	tal/I 553

06/14/23 21:15

06/13/23 09:44

Oll Range Organics (Over C28-C36)

C10-C28)

50.0

mg/Kg

<50.0 U

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: MB 880-55379/	1-A							Client Sa	ample ID: M		
Matrix: Solid									Prep Ty		
Analysis Batch: 55457									Prep E	Batch:	55379
		MB MB									
Surrogate	%Reco	very Qualifier	Limits				P	repared	Analyzed	d	Dil Fac
1-Chlorooctane		0.02 S1-	70 - 130				06/1	3/23 09:44	06/14/23 21	:15	1
o-Terphenyl		0.01 S1-	70 - 130				06/1	3/23 09:44	06/14/23 21	1:15	1
Lab Sample ID: LCS 880-55379)/2-A						Client	Sample	ID: Lab Cor		
Matrix: Solid									Prep Ty		
Analysis Batch: 55457									Prep E	Batch:	55379
			Spike	LCS	LCS				%Rec		
Analyte			Added		Qualifier	Unit	<u>D</u>	%Rec	Limits		
Gasoline Range Organics			1000	829.5		mg/Kg		83	70 - 130		
(GRO)-C6-C10			1000	006 4		malla		04	70 120		
Diesel Range Organics (Over C10-C28)			1000	806.1		mg/Kg		81	70 - 130		
0.00020,											
0	LCS		1 : :4								
Surrogate	%Recovery	Qualifier	Limits 70 - 130								
1-Chlorooctane	108										
o-Terphenyl	93		70 - 130								
										_	_
Lab Sample ID: LCSD 880-5537	79/3-A					Clie	nt Sam	ple ID: L	ab Control	Sampl	e Dup
Lab Sample ID: LCSD 880-5537 Matrix: Solid	79/3-A					Clie	nt Sam	ple ID: L	ab Control Prep Tv		
Matrix: Solid	79/3-A					Clie	ent Sam	ple ID: L	Prep Ty	pe: To	tal/NA
-	79/3-A		Spike	LCSD	LCSD	Clie	ent Sam	iple ID: L		pe: To	tal/NA
Matrix: Solid	79/3-A		Spike Added		LCSD Qualifier	Clie	ent Sam D	vple ID: L %Rec	Prep Ty Prep E	pe: To	tal/NA 55379
Matrix: Solid Analysis Batch: 55457	79/3-A		-					-	Prep Ty Prep E %Rec	pe: To Batch:	tal/NA 55379 RPD
Matrix: Solid Analysis Batch: 55457 Analyte	79/3-A		Added	Result		Unit		%Rec	Prep Ty Prep E %Rec Limits	pe: To Batch: RPD	tal/NA 55379 RPD Limit
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	79/3-A		Added	Result		Unit		%Rec	Prep Ty Prep E %Rec Limits	pe: To Batch: RPD	tal/NA 55379 RPD Limit
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10	79/3-A		Added	Result 929.0		- <mark>Unit</mark> mg/Kg		% Rec 93	Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: RPD 11	tal/NA 55379 RPD Limit 20
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	79/3-A		Added	Result 929.0		- <mark>Unit</mark> mg/Kg		% Rec 93	Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: RPD 11	tal/NA 55379 RPD Limit 20
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over			Added	Result 929.0		- <mark>Unit</mark> mg/Kg		% Rec 93	Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: RPD 11	tal/NA 55379 RPD Limit 20
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	LCSD		Added 1000 1000	Result 929.0		- <mark>Unit</mark> mg/Kg		% Rec 93	Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: RPD 11	tal/NA 55379 RPD Limit 20
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	LCSD %Recovery		Added 1000 1000 <i>Limits</i>	Result 929.0		- <mark>Unit</mark> mg/Kg		% Rec 93	Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: RPD 11	tal/NA 55379 RPD Limit 20
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	LCSD %Recovery 109		Added 1000 1000 <u>Limits</u> 70 - 130	Result 929.0		- <mark>Unit</mark> mg/Kg		%Rec 93 91	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130	pe: To Batch: RPD 11 12	tal/NA 55379 RPD Limit 20 20
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11	LCSD %Recovery 109 92		Added 1000 1000 <u>Limits</u> 70 - 130	Result 929.0		- <mark>Unit</mark> mg/Kg		%Rec 93 91	Prep Ty %Rec Limits 70 - 130 70 - 130	pe: To Batch: RPD 11 12 Matrix	tal/NA 55379 RPD Limit 20 20 Spike
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	LCSD %Recovery 109 92		Added 1000 1000 <u>Limits</u> 70 - 130	Result 929.0		- <mark>Unit</mark> mg/Kg		%Rec 93 91	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130	pe: To Batch: RPD 11 12 Matrix	tal/NA 55379 RPD Limit 20 20 Spike
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11	LCSD %Recovery 109 92 1-E MS	Qualifier	Added 1000 1000 <u>Limits</u> 70 - 130 70 - 130	Result 929.0 910.9	Qualifier	- <mark>Unit</mark> mg/Kg		%Rec 93 91	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457	LCSD %Recovery 109 92 I-E MS Sample	<u>Qualifier</u> Sample	Added 1000 1000 <u>Limits</u> 70 - 130 70 - 130 Spike	Result 929.0 910.9 MS	Qualifier	- <mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	%Rec 93 91	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E %Rec	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte	LCSD %Recovery 109 92 1-E MS Sample Result	Qualifier Sample Qualifier	Added 1000 1000 Limits 70 - 130 70 - 130 Spike Added	Result 929.0 910.9 MS Result	Qualifier	unit		%Rec 93 91 Client \$	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics	LCSD %Recovery 109 92 I-E MS Sample	Qualifier Sample Qualifier	Added 1000 1000 <u>Limits</u> 70 - 130 70 - 130 Spike	Result 929.0 910.9 MS	Qualifier	- <mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	%Rec 93 91	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E %Rec	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10	LCSD %Recovery 109 92 1-E MS Sample Result <49.9	Qualifier Sample Qualifier U	Added 1000 1000 Limits 70 - 130 70 - 130 Spike Added 998	Result 929.0 910.9 910.9 MS Result 1080	Qualifier	- Unit mg/Kg mg/Kg - Unit mg/Kg	<u>D</u>	%Rec 93 91 Client \$ %Rec 106	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics	LCSD %Recovery 109 92 1-E MS Sample Result	Qualifier Sample Qualifier U	Added 1000 1000 Limits 70 - 130 70 - 130 Spike Added	Result 929.0 910.9 MS Result	Qualifier	unit	<u>D</u>	%Rec 93 91 Client \$	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	LCSD %Recovery 109 92 1-E MS Sample Result <49.9	Qualifier Sample Qualifier U	Added 1000 1000 Limits 70 - 130 70 - 130 Spike Added 998	Result 929.0 910.9 910.9 MS Result 1080	Qualifier	- Unit mg/Kg mg/Kg - Unit mg/Kg	<u>D</u>	%Rec 93 91 Client \$ %Rec 106	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terpheny/ Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	LCSD %Recovery 109 92 1-E MS Sample Result <49.9 <49.9 MS	Qualifier Sample Qualifier U U MS	Added 1000 1000 Limits 70 - 130 70 - 130 Spike Added 998 998	Result 929.0 910.9 910.9 MS Result 1080	Qualifier	- Unit mg/Kg mg/Kg - Unit mg/Kg	<u>D</u>	%Rec 93 91 Client \$ %Rec 106	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A-11 Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	LCSD %Recovery 109 92 1-E MS Sample Result <49.9	Qualifier Sample Qualifier U U MS Qualifier	Added 1000 1000 Limits 70 - 130 70 - 130 Spike Added 998	Result 929.0 910.9 910.9 MS Result 1080	Qualifier	- Unit mg/Kg mg/Kg - Unit mg/Kg	<u>D</u>	%Rec 93 91 Client \$ %Rec 106	Prep Ty Prep E %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 Sample ID: I Prep Ty Prep E %Rec Limits 70 - 130	pe: To Batch: 11 12 Matrix pe: To	tal/NA 55379 RPD Limit 20 20 Spike tal/NA

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 SDG: Lea County, New Mexico

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

Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, lor Lab Sample ID: MB 880-55249/ Matrix: Solid	Result <49.9 <49.9 MSD %Recovery 135 110	U MSD	Spike Added 997 997 Limits	F	MSD Result 1076 1080	MSD Qualit	fier	<mark>Unit</mark> mg/Kg		<u>D</u>	%Rec 105		Type: To Batch: RPD 0	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	Result <49.9 <49.9 MSD %Recovery 135 110	Qualifier U U MSD Qualifier	Added 997 997	F	Result 1076		fier			<u>D</u>		%Rec Limits	RPD	RPI Limi
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	Result <49.9 <49.9 MSD %Recovery 135 110	Qualifier U U MSD Qualifier	Added 997 997	F	1076	Qualit	fier			<u>D</u>				
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Aethod: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	<49.9 MSD %Recovery 135 110	U MSD Qualifier	997					mg/Kg			105	70 - 130		
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terpheny/ Method: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	MSD %Recovery 135 110	MSD Qualifier			1080									
C10-C28) Surrogate 1-Chlorooctane o-Terphenyl 1ethod: 300.0 - Anions, lor Lab Sample ID: MB 880-55249/	MSD %Recovery 135 110	MSD Qualifier			1080									
Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	%Recovery 135 110	Qualifier	Limits					mg/Kg			106	70 - 130	2	2
1-Chlorooctane o-Terpheny/ Iethod: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	%Recovery 135 110	Qualifier	Limits											
1-Chlorooctane o-Terpheny/ Iethod: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	%Recovery 135 110	Qualifier	Limits											
1-Chlorooctane o-Terpheny/ Iethod: 300.0 - Anions, Ior Lab Sample ID: MB 880-55249/	135 110													
lethod: 300.0 - Anions, lor Lab Sample ID: MB 880-55249/			70 - 130	-										
Lab Sample ID: MB 880-55249/	n Chromat		70 _ 130											
Watrix: Soliu	1-A	ography								(Client S	ample ID: I Prep	Method Type: S	
Analysis Batch: 55259														
		MB MB												
Analyte	R	esult Qualifier		RL		MDL	Unit		D	Pro	epared	Analyz	ed	Dil Fa
Chloride	<	<5.00 U		5.00			mg/Kg					06/12/23	14:20	
Lab Sample ID: LCS 880-55249 Matrix: Solid Analysis Batch: 55259												ID: Lab Co Prep	Type: S	
			Spike		LCS	LCS						%Rec		
Analyte			Added	F	Result	Qualit	fier	Unit		D	%Rec	Limits		
Chloride			250		256.2			mg/Kg			102	90 - 110		
Lab Sample ID: LCSD 880-5524	10/2-1							CII	ont S	a mi		Lab Contro		
Matrix: Solid	+3/3-A									ann	pie iD. I		Type: S	
Analysis Batch: 55259												гіер	Type. 5	olubi
Analysis Datch. 33239			Spike		LCSD	1000						%Rec		RPI
Analyte			Added		Result			Unit		D	%Rec	Limits	RPD	Lim
Chloride			250		266.1	Quan		mg/Kg		<u> </u>	106	90 - 110	4	2
			200		200.1			iiig/itg			100	50-110	-	2
Lab Sample ID: 880-29350-A-1-	-G MS										Client	Sample ID	: Matrix	Spik
Matrix: Solid													Type: S	
Analysis Batch: 55259														
	Sample	Sample	Spike		MS	MS						%Rec		
Analyte	Result	Qualifier	Added	F	Result	Quali	fier	Unit		D	%Rec	Limits		
Chloride	67.1		249		311.2			mg/Kg			98	90 - 110		
Lab Sample ID: 880-29350-A-1-	-H MSD							C	Client	Sa	mple ID	: Matrix Sp	oike Dup	olicat
Matrix: Solid												Prep	Type: S	olubl
Analysis Batch: 55259														
	Sample	Sample	Spike		MSD	MSD						%Rec		RP
	Result		Added	_	Result									

Eurofins Midland

QC Association Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 55176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-55176/5-A	Method Blank	Total/NA	Solid	5035	
rep Batch: 55215					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	5035	
MB 880-55215/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-55215/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-55215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-29350-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-29350-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 55243

Details 55470					
Prep Batch: 55176					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-55176/5-A	Method Blank	Total/NA	Solid	5035	
Prep Batch: 55215					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	5035	
MB 880-55215/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-55215/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-55215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-29350-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-29350-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	
Analysis Batch: 55243					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	8021B	55215
MB 880-55176/5-A	Method Blank	Total/NA	Solid	8021B	55176
MB 880-55215/5-A	Method Blank	Total/NA	Solid	8021B	55215
LCS 880-55215/1-A	Lab Control Sample	Total/NA	Solid	8021B	55215
LCSD 880-55215/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	55215
880-29350-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	55215
880-29350-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	55215

Analysis Batch: 55374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-2	H-2	Total/NA	Solid	8021B	55378
880-29349-3	Н-3	Total/NA	Solid	8021B	55378
880-29349-4	H-4	Total/NA	Solid	8021B	55378
880-29349-5	H-5	Total/NA	Solid	8021B	55378
880-29349-6	H-6	Total/NA	Solid	8021B	55378
MB 880-55378/5-A	Method Blank	Total/NA	Solid	8021B	55378
LCS 880-55378/1-A	Lab Control Sample	Total/NA	Solid	8021B	55378
LCSD 880-55378/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	55378
880-29349-2 MS	H-2	Total/NA	Solid	8021B	55378
880-29349-2 MSD	H-2	Total/NA	Solid	8021B	55378

Prep Batch: 55378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-2	H-2	Total/NA	Solid	5035	
880-29349-3	H-3	Total/NA	Solid	5035	
880-29349-4	H-4	Total/NA	Solid	5035	
880-29349-5	H-5	Total/NA	Solid	5035	
880-29349-6	H-6	Total/NA	Solid	5035	
MB 880-55378/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-55378/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-55378/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-29349-2 MS	H-2	Total/NA	Solid	5035	
880-29349-2 MSD	H-2	Total/NA	Solid	5035	

Analysis Batch: 55402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	Total BTEX	
880-29349-2	H-2	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

GC VOA (Continued)

Analysis Batch: 55402 (Continued)

Lab Sample ID 880-29349-3	Client Sample ID H-3	Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch
880-29349-4	H-4	Total/NA	Solid	Total BTEX	
880-29349-5	H-5	Total/NA	Solid	Total BTEX	
880-29349-6	H-6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 55253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-6	H-6	Total/NA	Solid	8015NM Prep	
MB 880-55253/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-55253/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-55253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4807-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4807-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 55372

Prep Batch: 55253						8
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	U
880-29349-6	H-6	Total/NA	Solid	8015NM Prep		0
MB 880-55253/1-A	Method Blank	Total/NA	Solid	8015NM Prep		
LCS 880-55253/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep		
LCSD 880-55253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep		
890-4807-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep		
890-4807-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep		
Analysis Batch: 55372	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
880-29349-6	H-6	Total/NA	Solid	8015B NM	55253	13
MB 880-55253/1-A	Method Blank	Total/NA	Solid	8015B NM	55253	
LCS 880-55253/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	55253	
LCSD 880-55253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	55253	
890-4807-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	55253	
890-4807-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	55253	

Prep Batch: 55379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	8015NM Prep	
880-29349-2	H-2	Total/NA	Solid	8015NM Prep	
880-29349-3	H-3	Total/NA	Solid	8015NM Prep	
880-29349-4	H-4	Total/NA	Solid	8015NM Prep	
880-29349-5	H-5	Total/NA	Solid	8015NM Prep	
MB 880-55379/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-55379/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-55379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29351-A-11-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-29351-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 55457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	8015B NM	55379
880-29349-2	H-2	Total/NA	Solid	8015B NM	55379
880-29349-3	Н-3	Total/NA	Solid	8015B NM	55379
880-29349-4	H-4	Total/NA	Solid	8015B NM	55379
880-29349-5	H-5	Total/NA	Solid	8015B NM	55379
MB 880-55379/1-A	Method Blank	Total/NA	Solid	8015B NM	55379
LCS 880-55379/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	55379
LCSD 880-55379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	55379
880-29351-A-11-E MS	Matrix Spike	Total/NA	Solid	8015B NM	55379
880-29351-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	55379

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Job ID: 880-29349-1

SDG: Lea County, New Mexico

QC Association Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 55480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	8015 NM	
880-29349-2	H-2	Total/NA	Solid	8015 NM	
880-29349-3	H-3	Total/NA	Solid	8015 NM	
880-29349-4	H-4	Total/NA	Solid	8015 NM	
880-29349-5	H-5	Total/NA	Solid	8015 NM	
880-29349-6	H-6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 55249

nalysis Batch: 55480					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Total/NA	Solid	8015 NM	
880-29349-2	H-2	Total/NA	Solid	8015 NM	
880-29349-3	H-3	Total/NA	Solid	8015 NM	
880-29349-4	H-4	Total/NA	Solid	8015 NM	
880-29349-5	H-5	Total/NA	Solid	8015 NM	
880-29349-6	H-6	Total/NA	Solid	8015 NM	
each Batch: 55249	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
	Client Sample ID H-1	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
each Batch: 55249 - Lab Sample ID	·				Prep Batch
Leach Batch: 55249 Lab Sample ID 880-29349-1	H-1	Soluble	Solid	DI Leach	Prep Batch
Leach Batch: 55249 Lab Sample ID 880-29349-1 880-29349-2	H-1 H-2	Soluble	Solid Solid	DI Leach DI Leach	Prep Batch
880-29349-1 880-29349-2 880-29349-3	H-1 H-2 H-3	Soluble Soluble Soluble	Solid Solid Solid	DI Leach DI Leach DI Leach	Prep Batch
Lab Sample ID 880-29349-1 880-29349-2 880-29349-3 880-29349-4	H-1 H-2 H-3 H-4	Soluble Soluble Soluble Soluble Soluble	Solid Solid Solid Solid	DI Leach DI Leach DI Leach DI Leach DI Leach	Prep Batch
Lab Sample ID 880-29349-1 880-29349-2 880-29349-3 880-29349-4 880-29349-5	H-1 H-2 H-3 H-4 H-5	Soluble Soluble Soluble Soluble Soluble	Solid Solid Solid Solid Solid Solid	DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach	Prep Batch
Lab Sample ID 880-29349-1 880-29349-2 880-29349-3 880-29349-3 880-29349-4 880-29349-5 880-29349-6	H-1 H-2 H-3 H-4 H-5 H-6	Soluble Soluble Soluble Soluble Soluble Soluble	Solid Solid Solid Solid Solid Solid	DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach	_ Prep Batch
Lab Sample ID 880-29349-1 880-29349-2 880-29349-2 880-29349-3 880-29349-4 880-29349-5 880-29349-5 880-29349-6 MB 880-555249/1-A	H-1 H-2 H-3 H-4 H-5 H-6 Method Blank	Soluble Soluble Soluble Soluble Soluble Soluble Soluble	Solid Solid Solid Solid Solid Solid Solid	DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach	Prep Batch
Lab Sample ID 880-29349-1 880-29349-2 880-29349-2 880-29349-3 880-29349-4 880-29349-5 880-29349-6 MB 880-55249/1-A LCS 880-55249/2-A	H-1 H-2 H-3 H-4 H-5 H-6 Method Blank Lab Control Sample	Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble	Solid Solid Solid Solid Solid Solid Solid Solid	DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach DI Leach	Prep Batch

Analysis Batch: 55259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29349-1	H-1	Soluble	Solid	300.0	55249
880-29349-2	H-2	Soluble	Solid	300.0	55249
880-29349-3	H-3	Soluble	Solid	300.0	55249
880-29349-4	H-4	Soluble	Solid	300.0	55249
880-29349-5	H-5	Soluble	Solid	300.0	55249
880-29349-6	H-6	Soluble	Solid	300.0	55249
MB 880-55249/1-A	Method Blank	Soluble	Solid	300.0	55249
LCS 880-55249/2-A	Lab Control Sample	Soluble	Solid	300.0	55249
LCSD 880-55249/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	55249
880-29350-A-1-G MS	Matrix Spike	Soluble	Solid	300.0	55249
880-29350-A-1-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	55249

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Client Sample ID: H-1 Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 07:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55402	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55480	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55379	06/13/23 09:45	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55457	06/15/23 08:43	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 15:08	СН	EET MID

Client Sample ID: H-2

Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	55378	06/13/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55374	06/13/23 11:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55402	06/13/23 17:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55480	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	55379	06/13/23 09:45	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55457	06/15/23 09:04	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 15:24	СН	EET MID

Client Sample ID: H-3

Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	55378	06/13/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55374	06/13/23 11:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55402	06/13/23 17:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55480	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	55379	06/13/23 09:45	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55457	06/15/23 09:31	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 15:29	CH	EET MID

Client Sample ID: H-4 Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	55378	06/13/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55374	06/13/23 12:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55402	06/13/23 17:28	AJ	EET MID

Eurofins Midland

Matrix: Solid

Lab Sample ID: 880-29349-1 Matrix: Solid 5

Lab Sample ID: 880-29349-2 Matrix: Solid

Lab Sample ID: 880-29349-3

Lab Sample ID: 880-29349-4

Matrix: Solid

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29349-5

Lab Sample ID: 880-29349-6

Matrix: Solid

Matrix: Solid

Client Sample ID: H-4

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			55480	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	55379	06/13/23 09:45	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55457	06/15/23 09:55	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 15:35	СН	EET MID

Client Sample ID: H-5 Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	55378	06/13/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55374	06/13/23 12:23	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55402	06/13/23 17:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55480	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	55379	06/13/23 09:45	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55457	06/15/23 10:17	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 15:40	СН	EET MID

Client Sample ID: H-6

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	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	55378	06/13/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55374	06/13/23 12:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55402	06/13/23 17:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55480	06/14/23 09:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.010 g	10 mL	55253	06/12/23 10:46	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55372	06/13/23 14:54	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 15:45	СН	EET MID

Laboratory References:

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

Lab Sample ID: 880-29349-4 Matrix: Solid 5

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29349-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

uthority	P	rogram	Identification Number	Expiration Date
xas	N	ELAP	T104704400-22-25	06-30-23
The following analytes	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for v
the agency does not of	fer certification.			
the agency does not of Analysis Method	fer certification. Prep Method	Matrix	Analyte	
0,		Matrix Solid	Analyte Total TPH	

Eurofins Midland

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Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29349-1 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 Refe	rences:			
ASTM = AS	STM International			
EPA = US	Environmental Protection Agency			
SW846 = "	Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edit	ion, 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: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29349-1 SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-29349-1	H-1	Solid	06/08/23 00:00	06/09/23 15:00
30-29349-2	H-2	Solid	06/08/23 00:00	06/09/23 15:00
80-29349-3	H-3	Solid	06/08/23 00:00	06/09/23 15:00
80-29349-4	H-4	Solid	06/08/23 00:00	06/09/23 15:00
80-29349-5	H-5	Solid	06/08/23 00:00	06/09/23 15:00
880-29349-6	H-6	Solid	06/08/23 00:00	06/09/23 15:00

Cha cf Custody

Work Order No: 29349

					T													Page	I of1
Project Manager	Conner Moehring				Bill to (if different)			Carmona Resources				Work Order Comments							
Company Name	Carmona Resources				Company Name							Program UST/PST PRP rownfields RC perfund					perfund		
Address	310 W Wall St Ste 500				Address							State of Project:							
Crty State ZIP	Midland, TX 79701				City Stat					Reporting Level II Level III ST/UST RRP Level IV									
Phone	432-813-6823 Emai			mcarmo	mcarmona@carmonaresources com					Delive	Deliverables EDD ADaPT Other								
Project Name	Baseball Cap Federal 25P (06 01.23)				Turn Around			ANALYSIS RE					QUEST				Preserva	ative Codes	
Project Number	2046		Routine	🗸 Rush		Pres. Code						Ţ				1	None NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico		lexico	Due Date	72 Hrs							1				1	1	Cool Cool	MeOH Me
Sampler's Name		CCM					Parameters	18	TPH 8015M (GRO + DRO + MRO)									HCL HC	HNO ₃ HN
PO#			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~															H₂SO₄ H₂	NaOH Na
SAMPLE RECEI		np Blank	Yes No	Wet Ice						0 00								H ₃ PO₄ HP	
Received Intact:	ter	s No	Thermometer ID				aran	BTEX 8021B	ļ č	Chloride 300 0								NaHSO NABI	s
Cooler Custody Seals			Correction Facto			<u>\$</u>		Ĕ	- 19	lori								Na ₂ S ₂ O ₃ NaSC	<u>р</u> ,
Sample Custody Seal	ls. Yes	No MA	Temperature Re		-2	Ч	ł	μ Δ	15M	ō								Zn Acetate+Na	OH Zn
Total Containers.		T	Corrected Temp	erature	1-2.1				H 80									NaOH+Ascorbi	c Acid SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		1									Sample	Comments
H-1		6/8/2023		X		G	1	X	X	X					+	<u> </u>	 	102	/
H-2		6/8/2023		X	1	G	1	X	X	x	// //////////////////////////////		1		-	<u> </u>		10-	
H-3		6/8/2023		x		G	1	X	X	x							+		
H-4		6/8/2023		x		G	1	X	X	X		<i> </i>							
H-5		6/8/2023		х	1	G	1	X	X	X	880.200					-	+		
H-6		6/8/2023		X	1	G	1	X	X	X	880-29349 Chain of (Custody	//////////////////////////////////////			-		<u> </u>	
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					T	-							+			<u> </u>	1		
Comments Email	to Mike Carme	ona / Mcarmo	na@carmonar	esources com	and Co	nner Mc	sehring ,	/ Cmo	ehrin	g@cai	monaresources com		7,00,1,	I		1		1	
Relinquished by (Signature)							Date/	Time		(Re	eceived by (Signature)				T	Date/Time			
Alma Mas					6-	9-23 1500				A2									

.

6/15/2023

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 29349 List Number: 1

<6mm (1/4").

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	N/A	

Job Number: 880-29349-1

Received by OCD: 8/22/2023 10:25:35 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 6/15/2023 1:19:14 PM

JOB DESCRIPTION

Baseball Cap Federal 25P (06.01.23) SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-29350-1

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

AMER

Generated 6/15/2023 1:19:14 PM

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

Laboratory Job ID: 880-29350-1 SDG: Lea County, New Mexico

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2

Definitions/Glossary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29350-1 SDG: Lea County, New Mexico

Qualifiers

GC VOA		
Qualifier	Qualifier Description	
*_	LCS and/or LCSD is outside acceptance limits, low biased.	
*1	LCS/LCSD RPD exceeds control limits.	5
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 VO	Α	
Qualifier	Qualifier Description	
S1-	Surrogate recovery exceeds control limits, low biased.	 8
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	9
HPLC/IC		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	

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

TNTC Too Numerous To Count

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Job ID: 880-29350-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-29350-1

Receipt

The samples were received on 6/9/2023 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-3") (880-29350-1), S-1 (6") (880-29350-2), S-1 (1') (880-29350-3), S-2 (0-3") (880-29350-4), S-2 (6") (880-29350-5), S-2 (1') (880-29350-6), S-3 (0-3") (880-29350-7), S-3 (6") (880-29350-8), S-3 (1') (880-29350-9), S-4 (0-3") (880-29350-10), S-4 (6") (880-29350-11), S-4 (1') (880-29350-12), S-5 (0-3") (880-29350-13), S-5 (6") (880-29350-14) and S-5 (1') (880-29350-15).

GC VOA

Method 8021B: CCV was biased low for o-xylene and m,p xylenes. Another CCV was analyzed and acceptable for the compounds within the 12 hour window; therefore, the associated data was qualified and reported.(CCV 880-55243/33)

Method 8021B: CCV was biased low for benzene. Another CCV was analyzed and acceptable for the compound within the 12 hour window; therefore, the associated data was qualified and reported.(CCV 880-55243/51)

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-55215/1-A), (MB 880-55176/5-A) and (MB 880-55215/5-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-55185/2-A), (LCSD 880-55185/3-A) and (MB 880-55185/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-3") (880-29350-1) and S-1 (6") (880-29350-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (1') (880-29350-3), S-2 (6") (880-29350-5), S-2 (1') (880-29350-6), S-3 (1') (880-29350-9), S-4 (6") (880-29350-11), S-4 (1') (880-29350-12), S-5 (6") (880-29350-14), S-5 (1') (880-29350-15), (MB 880-55232/1-A), (880-29350-A-10-B MS) and (880-29350-A-10-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-3") (880-29350-1), S-1 (6") (880-29350-2), S-2 (0-3") (880-29350-4), S-3 (0-3") (880-29350-7), S-3 (6") (880-29350-8), (880-29351-A-11-D), (880-29351-A-11-E MS) and (880-29351-A-11-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-55379/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: S-1 (0-3") Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/23 15:04	06/12/23 23:44	1
Foluene	<0.00198	U F1	0.00198		mg/Kg		06/10/23 15:04	06/12/23 23:44	1
Ethylbenzene	<0.00198	U *1 F1	0.00198		mg/Kg		06/10/23 15:04	06/12/23 23:44	1
n-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.00396		mg/Kg		06/10/23 15:04	06/12/23 23:44	1
p-Xylene	<0.00198	U *- *1 F1	0.00198		mg/Kg		06/10/23 15:04	06/12/23 23:44	1
Kylenes, Total	<0.00396	U *- *1 F1	0.00396		mg/Kg		06/10/23 15:04	06/12/23 23:44	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/10/23 15:04	06/12/23 23:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130				06/10/23 15:04	06/12/23 23:44	1
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	10100		249		mg/Kg			06/12/23 14:08	
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 GRO)-C6-C10	<249	U	249		mg/Kg		06/09/23 17:18	06/12/23 03:54	:
Diesel Range Organics (Over	10100		249		mg/Kg		06/09/23 17:18	06/12/23 03:54	:
C10-C28) Oll Range Organics (Over C28-C36)	<249	U	249		mg/Kg		06/09/23 17:18	06/12/23 03:54	ł
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
I-Chlorooctane	94		70 - 130				06/09/23 17:18	06/12/23 03:54	
p-Terphenyl	• ·	S1+	70 - 130				06/09/23 17:18	06/12/23 03:54	ł
Method: EPA 300.0 - Anions, Ion	Chromatogram	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	67.1		4.98		mg/Kg			06/12/23 15:51	
lient Sample ID: S-1 (6")							Lab Sam	ple ID: 880-2	9350-2
te Collected: 06/08/23 00:00								•	x: Solid
ate Received: 06/09/23 15:00									
Method: SW846 8021B - Volatile (Organic Comp	ounds (GC))						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Analyto	Rooun	quanner		 onne	rioparoa	Analyzoa	Birrao
Benzene	< 0.00202	U	0.00202	mg/Kg	 06/10/23 15:04	06/13/23 00:05	1
Toluene	0.0119		0.00202	mg/Kg	06/10/23 15:04	06/13/23 00:05	1
Ethylbenzene	<0.00202	U *1	0.00202	mg/Kg	06/10/23 15:04	06/13/23 00:05	1
m-Xylene & p-Xylene	<0.00403	U *- *1	0.00403	mg/Kg	06/10/23 15:04	06/13/23 00:05	1
o-Xylene	<0.00202	U *- *1	0.00202	mg/Kg	06/10/23 15:04	06/13/23 00:05	1
Xylenes, Total	<0.00403	U *- *1	0.00403	mg/Kg	06/10/23 15:04	06/13/23 00:05	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		06/10/23 15:04	06/13/23 00:05	1
1,4-Difluorobenzene (Surr)	113		70 - 130		06/10/23 15:04	06/13/23 00:05	1

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Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-1

Matrix: Solid

5

Released to Imaging: 12/5/2023 11:56:30 AM
Matrix: Solid

5

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-2

Client Sample ID: S-1 (6")

Client: Carmona Resources

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0119		0.00403		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12400		249		mg/Kg			06/12/23 14:08	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	<249	U	249		mg/Kg		06/09/23 17:18	06/12/23 04:14	į
(GRO)-C6-C10									
Diesel Range Organics (Over	12400		249		mg/Kg		06/09/23 17:18	06/12/23 04:14	ę
C10-C28)									
Oll Range Organics (Over C28-C36)	<249	U	249		mg/Kg		06/09/23 17:18	06/12/23 04:14	Ę
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	114		70 - 130				06/09/23 17:18	06/12/23 04:14	
o-Terphenyl	184	S1+	70 - 130				06/09/23 17:18	06/12/23 04:14	5
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.5		5.00		mg/Kg			06/12/23 16:07	

Client Sample ID: S-1 (1)

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

ample ID: 880-29350-3 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200		mg/Kg		06/10/23 15:04	06/13/23 00:25	1
Toluene	0.0102		0.00200		mg/Kg		06/10/23 15:04	06/13/23 00:25	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 00:25	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		06/10/23 15:04	06/13/23 00:25	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 00:25	1
Xylenes, Total	<0.00401	U *- *1	0.00401		mg/Kg		06/10/23 15:04	06/13/23 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				06/10/23 15:04	06/13/23 00:25	1
1,4-Difluorobenzene (Surr)	86		70 _ 130				06/10/23 15:04	06/13/23 00:25	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0102		0.00401		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	116		49.9		mg/Kg			06/13/23 12:11	1
- Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/12/23 23:34	1
Gasoline Range Organics									
Gasoline Range Organics (GRO)-C6-C10									
0 0	116		49.9		mg/Kg		06/11/23 11:59	06/12/23 23:34	1

Client Sample ID: S-1 (1') Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/12/23 23:34	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	148	S1+	70 - 130				06/11/23 11:59	06/12/23 23:34	1
o-Terphenyl	114		70 - 130				06/11/23 11:59	06/12/23 23:34	
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	41.8		4.95		mg/Kg			06/12/23 16:12	
lient Sample ID: S-2 (0-3")							Lab Sam	ple ID: 880-2	9350-4
ate Collected: 06/08/23 00:00								•	x: Solio
ate Received: 06/09/23 15:00									
ate Received: 06/09/23 15:00									
ate Received: 06/09/23 15:00 Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))						
Method: SW846 8021B - Volatile	• •	ounds (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	• •			MDL	Unit mg/Kg	<u>D</u>	Prepared 06/10/23 15:04	Analyzed 06/13/23 00:45	Dil Fac
Method: SW846 8021B - Volatile Analyte	Result	Qualifier	RL	MDL		<u> </u>			Dil Fac
Method: SW846 8021B - Volatile Analyte Benzene		Qualifier U U	RL 0.00199	MDL	mg/Kg	<u>D</u>	06/10/23 15:04	06/13/23 00:45	1
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene	Result <0.00199 <0.00199	Qualifier U U U *1	RL 0.00199 0.00199	MDL	mg/Kg mg/Kg	<u> </u>	06/10/23 15:04 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45	
Method: SW846 8021B - Volatile Analyte Benzene Toluene	Result <0.00199	Qualifier U U U *1 U *- *1	RL 0.00199 0.00199 0.00199	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45	
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	Result <0.00199	Qualifier U U U *1 U *- *1 U *- *1	RL 0.00199 0.00199 0.00199 0.00199 0.00398	MDL	mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45	
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	Result <0.00199	Qualifier U U *1 U *- *1 U *- *1 U *- *1 U *- *1	RL 0.00199 0.00199 0.00199 0.00398 0.00199	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45	- - - - - -
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total	Result <0.00199	Qualifier U U *1 U *- *1 U *- *1 U *- *1 U *- *1	RL 0.00199 0.00199 0.00199 0.00398 0.00199 0.00398 0.00398	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45	Dil Fa
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate	Result <0.00199	Qualifier U U *1 U *- *1 U *- *1 U *- *1 U *- *1	RL 0.00199 0.00199 0.00199 0.00398 0.00398 0.00398 Limits	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 Prepared	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45	1 1 1 1 1 1 1
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	Result <0.00199	Qualifier U U *1 U *- *1 U *- *1 U *- *1 Qualifier	RL 0.00199 0.00199 0.00199 0.00398 0.00199 0.00398 0.00398 70 - 130	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 Prepared 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 Analyzed 06/13/23 00:45	1 1 1 1 1 1 1
Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	Result <0.00199	Qualifier U U *1 U *- *1 U *- *1 U *- *1 Qualifier	RL 0.00199 0.00199 0.00199 0.00398 0.00199 0.00398 0.00398 70 - 130		mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	D	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 Prepared 06/10/23 15:04	06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 06/13/23 00:45 Analyzed 06/13/23 00:45	Dil Fac

	Method: SW846 8015 NM - Diesel F	ange Organ	ics (DRO) (G	C)						
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	7340		249		mg/Kg			06/15/23 12:35	1
Ì	_									

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<249	U	249		mg/Kg		06/13/23 09:44	06/15/23 06:33	5
(GRO)-C6-C10									
Diesel Range Organics (Over	7340		249		mg/Kg		06/13/23 09:44	06/15/23 06:33	5
C10-C28)									
Oll Range Organics (Over C28-C36)	<249	U	249		mg/Kg		06/13/23 09:44	06/15/23 06:33	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				06/13/23 09:44	06/15/23 06:33	5
o-Terphenyl	118		70 - 130				06/13/23 09:44	06/15/23 06:33	5
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.1		4.98		mg/Kg			06/12/23 16:28	1

Job ID: 880-29350-1 SDG: Lea County, New Mexico

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Lab Sample ID: 880-29350-3 Matrix: Solid

Client Sample Results

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: S-2 (6") Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/23 15:04	06/13/23 01:06	1
Foluene	0.0106		0.00200		mg/Kg		06/10/23 15:04	06/13/23 01:06	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 01:06	1
n-Xylene & p-Xylene	<0.00400	U *- *1	0.00400		mg/Kg		06/10/23 15:04	06/13/23 01:06	1
o-Xylene	<0.00200	U *- *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 01:06	1
Xylenes, Total	<0.00400	U *- *1	0.00400		mg/Kg		06/10/23 15:04	06/13/23 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Bromofluorobenzene (Surr)	65	S1-	70 - 130				06/10/23 15:04	06/13/23 01:06	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/10/23 15:04	06/13/23 01:06	1
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0106		0.00400		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	123		49.9		mg/Kg			06/13/23 12:11	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	<49.9		49.9		mg/Kg		06/11/23 11:59	06/12/23 23:12	1
(GRO)-C6-C10		C	1010				00/11/20 11:00	00, 12,20 20.12	
Diesel Range Organics (Over	123		49.9		mg/Kg		06/11/23 11:59	06/12/23 23:12	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/12/23 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130				06/11/23 11:59	06/12/23 23:12	1
o-Terphenyl	121		70 - 130				06/11/23 11:59	06/12/23 23:12	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Soluble	ł.						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.4		4.95		mg/Kg			06/12/23 16:33	1
lient Sample ID: S-2 (1')							Lab Sam	ple ID: 880-2	9350-6
ate Collected: 06/08/23 00:00								Matri	x: Solid
ate Received: 06/09/23 15:00									
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)							
A sea b sta	Pocult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	- Kesuit	quannon			•			Analyzou	Birrao
Analyte Benzene	<0.00200	U	0.00200		mg/Kg	<u> </u>	06/10/23 15:04	06/13/23 01:26	1
-		U				=			

m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399	mg/Kg	06/10/23 15:04	06/13/23 01:26	1
o-Xylene	0.00318	*- *1	0.00200	mg/Kg	06/10/23 15:04	06/13/23 01:26	1
Xylenes, Total	<0.00399	U *- *1	0.00399	mg/Kg	06/10/23 15:04	06/13/23 01:26	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 70	Qualifier	Limits 70 - 130		Prepared 06/10/23 15:04	Analyzed 06/13/23 01:26	Dil Fac

0.00200

mg/Kg

<0.00200 U*1

Eurofins Midland

06/10/23 15:04 06/13/23 01:26

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Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-5

Matrix: Solid

5

Released to Imaging: 12/5/2023 11:56:30 AM

Ethylbenzene

1

Matrix: Solid

5

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-6

Client Sample ID: S-2 (1')

Client: Carmona Resources

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diesel R	ange Organ	ics (DRO) (GC)						
Analyte	•••	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			06/13/23 12:11	
- Method: SW846 8015B NM - Diesel	Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/12/23 23:56	
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/12/23 23:56	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/12/23 23:56	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	151	S1+	70 - 130				06/11/23 11:59	06/12/23 23:56	
o-Terphenyl	117		70 - 130				06/11/23 11:59	06/12/23 23:56	
- Method: EPA 300.0 - Anions, Ion Cł	nromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.7		4.95		mg/Kg			06/12/23 16:39	
Client Sample ID: S-3 (0-3")							Lab Sam	ple ID: 880-2	9350-7
ate Collected: 06/08/23 00:00								Matri	x: Solic
ate Received: 06/09/23 15:00									

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00198 U 0.00198 06/10/23 15:04 06/13/23 01:47 mg/Kg 1 Toluene <0.00198 U 0.00198 06/10/23 15:04 06/13/23 01:47 mg/Kg 1 Ethylbenzene <0.00198 U*1 0.00198 06/10/23 15:04 06/13/23 01:47 mg/Kg 1 <0.00397 U*-*1 06/10/23 15:04 m-Xylene & p-Xylene 0.00397 mg/Kg 06/13/23 01:47 1 o-Xylene <0.00198 U*-*1 0.00198 mg/Kg 06/10/23 15:04 06/13/23 01:47 1 Xylenes, Total <0.00397 U*-*1 0.00397 06/10/23 15:04 06/13/23 01:47 mg/Kg 1 %Recovery Qualifier Limits Dil Fac Prepared Surrogate Analyzed 70 - 130 06/10/23 15:04 06/13/23 01:47 4-Bromofluorobenzene (Surr) 96 1 1,4-Difluorobenzene (Surr) 109 70 - 130 06/10/23 15:04 06/13/23 01:47 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (O	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11400		249		mg/Kg			06/15/23 12:35	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte									
	<249	U	249		mg/Kg		06/13/23 09:45	06/15/23 08:21	5
Gasoline Range Organics		U	249		mg/Kg		06/13/23 09:45	06/15/23 08:21	5
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U	249		mg/Kg mg/Kg		06/13/23 09:45 06/13/23 09:45	06/15/23 08:21 06/15/23 08:21	Ę

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Released to Imaging: 12/5/2023 11:56:30 AM

Int ID: 000 20250 1

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-7

Client Sample ID: S-3 (0-3")

Date Collected: 06/08/23 00:00

Client: Carmona Resources

Method: SW846 8015B NM - Diese Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	- Kesuk <249	U	249		mg/Kg		06/13/23 09:45	06/15/23 08:21	5
Chinange Organics (Over 020-000)	~243	0	245		mg/rtg		00/15/25 09.45	00/13/23 00.21	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				06/13/23 09:45	06/15/23 08:21	5
o-Terphenyl	163	S1+	70 - 130				06/13/23 09:45	06/15/23 08:21	ł
Method: EPA 300.0 - Anions, Ion (Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	44.4		4.95		mg/Kg			06/12/23 16:44	
ate Collected: 06/08/23 00:00								watri	x: Solie
ate Received: 06/09/23 15:00									
ate Received: 06/09/23 15:00 Method: SW846 8021B - Volatile C	Organic Comp	ounds (GC))						
Method: SW846 8021B - Volatile C	•	ounds (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: SW846 8021B - Volatile C Analyte	•			MDL	Unit mg/Kg	<u>D</u>	Prepared 06/10/23 15:04	Analyzed 06/13/23 02:07	Dil Fa
Method: SW846 8021B - Volatile C Analyte Benzene	Result	Qualifier	RL	MDL		<u>D</u>			Dil Fa
Method: SW846 8021B - Volatile C Analyte Benzene Toluene	Result <0.00201	Qualifier U	RL 0.00201	MDL	mg/Kg	<u> </u>	06/10/23 15:04	06/13/23 02:07	
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene	Result <0.00201 0.0127	Qualifier U U *1	RL 0.00201 0.00201	MDL	mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07	
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	Result <0.00201	Qualifier U U *1 U *- *1	RL 0.00201 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07	
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	Result <0.00201	Qualifier U U *1 U *_ *1 *_ *1	RL 0.00201 0.00201 0.00201 0.00402	MDL	mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07	
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total	Result <0.00201	Qualifier U U *1 U *- *1 *- *1 *- *1	RL 0.00201 0.00201 0.00201 0.00402 0.00201	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07	
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate	Result <0.00201 0.0127 <0.00201 <0.00402 0.0600 0.0600	Qualifier U U *1 U *- *1 *- *1 *- *1	RL 0.00201 0.00201 0.00201 0.00201 0.00402 0.00201 0.00402	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	D	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07	Dil Fa
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	Result <0.00201	Qualifier U U *1 U *- *1 *- *1 *- *1	RL 0.00201 0.00201 0.00201 0.00201 0.00402 0.00402 0.00402 Limits	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 Prepared	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 Analyzed	Dil Fa
Method: SW846 8021B - Volatile C Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	Result <0.00201	Qualifier U U *1 U *- *1 *- *1 Qualifier	RL 0.00201 0.00201 0.00201 0.00402 0.00402 0.00402 0.00402 D.00402 0.00402 0.00402 0.00402	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 Prepared 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 Analyzed 06/13/23 02:07	Dil Fa
	Result <0.00201	Qualifier U U *1 U *- *1 *- *1 Qualifier	RL 0.00201 0.00201 0.00201 0.00402 0.00402 0.00402 0.00402 D.00402 0.00402 0.00402 0.00402	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 06/10/23 15:04 Prepared 06/10/23 15:04	06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 06/13/23 02:07 Analyzed 06/13/23 02:07	Dil Fac

wethod: 50046 6015 NW - Dieser R	ange Organics (DRO) (GC	•					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10100	250	mg/Kg			06/15/23 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<250	U	250		mg/Kg		06/13/23 09:44	06/15/23 07:08	5
(GRO)-C6-C10									
Diesel Range Organics (Over	10100		250		mg/Kg		06/13/23 09:44	06/15/23 07:08	5
C10-C28)									
Oll Range Organics (Over C28-C36)	<250	U	250		mg/Kg		06/13/23 09:44	06/15/23 07:08	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				06/13/23 09:44	06/15/23 07:08	5
o-Terphenyl	140	S1+	70 - 130				06/13/23 09:44	06/15/23 07:08	5
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.5		5.05		mg/Kg			06/12/23 16:50	1

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Matrix: Solid

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Client Sample Results

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: S-3 (1') Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/23 15:04	06/13/23 02:28	1
ōluene	<0.00200	U	0.00200		mg/Kg		06/10/23 15:04	06/13/23 02:28	1
thylbenzene	<0.00200	U *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 02:28	1
n-Xylene & p-Xylene	<0.00401	U *- *1	0.00401		mg/Kg		06/10/23 15:04	06/13/23 02:28	1
o-Xylene	0.0437	*- *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 02:28	1
(ylenes, Total	0.0437	*- *1	0.00401		mg/Kg		06/10/23 15:04	06/13/23 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Bromofluorobenzene (Surr)	82		70 - 130				06/10/23 15:04	06/13/23 02:28	1
,4-Difluorobenzene (Surr)	86		70 - 130				06/10/23 15:04	06/13/23 02:28	1
Method: TAL SOP Total BTEX - To	otal BTEX Calo	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fotal BTEX	0.0437		0.00401		mg/Kg			06/13/23 11:41	
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
otal TPH	107		49.9		mg/Kg			06/13/23 12:11	
Method: SW846 8015B NM - Diese	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Basoline Range Organics	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/13/23 00:17	
GRO)-C6-C10 Diesel Range Organics (Over	107		49.9		mg/Kg		06/11/23 11:59	06/13/23 00:17	
:10-C28)	107		40.0		ing/itg		00/11/20 11:00	00/10/20 00.17	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/13/23 00:17	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
-Chlorooctane	143	S1+	70 - 130				06/11/23 11:59	06/13/23 00:17	
-Terphenyl	110		70 - 130				06/11/23 11:59	06/13/23 00:17	
Method: EPA 300.0 - Anions, Ion (Chromatograp	hy - Solub	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	39.6		5.02		mg/Kg			06/12/23 16:56	
ient Sample ID: S-4 (0-3")							Lab Samp	le ID: 880-29	350-10
te Collected: 06/08/23 00:00 te Received: 06/09/23 15:00								Matri	x: Solid
Method: SW846 8021B - Volatile C	Organic Comp	ounds (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Analyte	Result	Quaimer	RL		U	Frepareu	Analyzeu	DIFAC
Benzene	<0.00199	U	0.00199	mg/Kg		06/10/23 15:04	06/13/23 02:48	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/10/23 15:04	06/13/23 02:48	1
Ethylbenzene	<0.00199	U *1	0.00199	mg/Kg		06/10/23 15:04	06/13/23 02:48	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398	mg/Kg		06/10/23 15:04	06/13/23 02:48	1
o-Xylene	<0.00199	U *- *1	0.00199	mg/Kg		06/10/23 15:04	06/13/23 02:48	1
Xylenes, Total	<0.00398	U *- *1	0.00398	mg/Kg		06/10/23 15:04	06/13/23 02:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130			06/10/23 15:04	06/13/23 02:48	1
1,4-Difluorobenzene (Surr)	84		70 - 130			06/10/23 15:04	06/13/23 02:48	1

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-9

Matrix: Solid

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Released to Imaging: 12/5/2023 11:56:30 AM

Matrix: Solid

5

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-10

Client Sample ID: S-4 (0-3")

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	151		49.8		mg/Kg			06/13/23 12:11	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	<49.8	U	49.8		mg/Kg		06/11/23 11:59	06/12/23 22:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	151		49.8		mg/Kg		06/11/23 11:59	06/12/23 22:07	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/11/23 11:59	06/12/23 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				06/11/23 11:59	06/12/23 22:07	1
o-Terphenyl	109		70 - 130				06/11/23 11:59	06/12/23 22:07	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.8		4.97		mg/Kg			06/12/23 17:01	1

Date Collected: 06/08/23 00:00

Matrix: Solid

Date Received: 06/09/23 15:00

Method: SW846 8021B - Volati	lle Organic Comp	ounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/10/23 15:04	06/13/23 04:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/10/23 15:04	06/13/23 04:10	1
Ethylbenzene	<0.00198	U *1	0.00198		mg/Kg		06/10/23 15:04	06/13/23 04:10	1
m-Xylene & p-Xylene	<0.00397	U *- *1	0.00397		mg/Kg		06/10/23 15:04	06/13/23 04:10	1
o-Xylene	<0.00198	U *- *1	0.00198		mg/Kg		06/10/23 15:04	06/13/23 04:10	1
Xylenes, Total	<0.00397	U *- *1	0.00397		mg/Kg		06/10/23 15:04	06/13/23 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	54	S1-	70 - 130				06/10/23 15:04	06/13/23 04:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/10/23 15:04	06/13/23 04:10	1

Method: TAL SOP Total BTEX -	Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.5		49.9		mg/Kg			06/13/23 12:11	1
_ Method: SW846 8015B NM - Die	sel 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		06/11/23 11:59	06/13/23 00:39	1
(GRO)-C6-C10									
Diesel Range Organics (Over	64.5		49.9		mg/Kg		06/11/23 11:59	06/13/23 00:39	1
C10-C28)									

Matrix: Solid

5

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-11

Client Sample ID: S-4 (6")

Date Collected: 06/08/23 00:00

Client: Carmona Resources

Method: SW846 8015B NM - Dies									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/23 11:59	06/13/23 00:39	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	151	S1+	70 - 130				06/11/23 11:59	06/13/23 00:39	
o-Terphenyl	118		70 - 130				06/11/23 11:59	06/13/23 00:39	
	0								
Method: EPA 300.0 - Anions, Ion Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	54.8		5.04		mg/Kg			06/12/23 17:46	
Client Sample ID: S-4 (1')							Lah Samn	le ID: 880-29	350-11
Date Collected: 06/08/23 00:00							Lab Samp		x: Solid
Date Received: 06/09/23 15:00								Wath	x. 30m
-									
Method: SW846 8021B - Volatile	-	ounds (GC) Qualifier) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte	<0.00201	-	0.00201	MDL	mg/Kg		06/10/23 15:04	06/13/23 04:31	
Toluene	<0.00201		0.00201				06/10/23 15:04	06/13/23 04:31	
					mg/Kg		06/10/23 15:04		
Ethylbenzene	< 0.00201		0.00201		mg/Kg			06/13/23 04:31	
m-Xylene & p-Xylene	< 0.00402		0.00402		mg/Kg		06/10/23 15:04	06/13/23 04:31	
o-Xylene	< 0.00201		0.00201		mg/Kg		06/10/23 15:04	06/13/23 04:31	
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		06/10/23 15:04	06/13/23 04:31	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	70		70 - 130				06/10/23 15:04	06/13/23 04:31	
1,4-Difluorobenzene (Surr)	89		70 - 130				06/10/23 15:04	06/13/23 04:31	
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	< 0.00402	U	0.00402		mg/Kg			06/13/23 11:41	
_ Method: SW846 8015 NM - Diese	l Pango Organ	ice (DRO) (60)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	63.0		50.0		mg/Kg			06/13/23 12:11	
- Method: SW846 8015B NM - Dies	ol Bongo Orgo								
		Qualifier	RL	MDL	Unit	D	Proparod	Analyzod	Dil Fa
Analyte			50.0 KL	MDL			Prepared 06/11/23 11:59	Analyzed 06/13/23 06:35	
Gasoline Range Organics (GRO)-C6-C10	<50.0	0	50.0		mg/Kg		00/11/23 11.39	00/13/23 00.33	
Diesel Range Organics (Over	63.0		50.0		mg/Kg		06/11/23 11:59	06/13/23 06:35	
C10-C28)	00.0								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/23 11:59	06/13/23 06:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane		S1+	70 - 130				06/11/23 11:59	06/13/23 06:35	
o-Terphenyl	113		70 - 130				06/11/23 11:59	06/13/23 06:35	
Methods EDA 200 0 Antones tors	Chuematerra	hu Ostubi							
Method: EPA 300.0 - Anions, Ion	unromatograp	ony - Solubi	e						
Analyte	Pocult	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa

Client Sample Results

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: S-5 (0-3") Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/10/23 15:04	06/13/23 04:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/10/23 15:04	06/13/23 04:51	1
Ethylbenzene	<0.00201	U *1	0.00201		mg/Kg		06/10/23 15:04	06/13/23 04:51	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402		mg/Kg		06/10/23 15:04	06/13/23 04:51	1
o-Xylene	<0.00201	U *- *1	0.00201		mg/Kg		06/10/23 15:04	06/13/23 04:51	1
Xylenes, Total	<0.00402	U *- *1	0.00402		mg/Kg		06/10/23 15:04	06/13/23 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				06/10/23 15:04	06/13/23 04:51	1
1,4-Difluorobenzene (Surr)	77		70 - 130				06/10/23 15:04	06/13/23 04:51	1
Method: TAL SOP Total BTEX - To	otal BTEX Calo	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
									-
Total TPH	100		49.9		mg/Kg			06/13/23 12:11	1
		nics (DRO)			mg/Kg			06/13/23 12:11	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO) Qualifier		MDL	mg/Kg Unit	D	Prepared	06/13/23 12:11 Analyzed	1 Dil Fac
Method: SW846 8015B NM - Dies Analyte	el Range Orga	Qualifier	(GC)	MDL		<u>D</u>	Prepared 06/11/23 11:59		
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	el Range Orga Result	Qualifier	(GC)	MDL	Unit	<u>D</u>		Analyzed	
Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Orga Result	Qualifier	(GC)	MDL	Unit	<u>D</u>		Analyzed	1
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Orga Result <49.9 100	Qualifier U	(GC) <u>RL</u> 49.9 49.9	MDL	Unit mg/Kg mg/Kg	<u> </u>	06/11/23 11:59 06/11/23 11:59	Analyzed 06/13/23 06:59 06/13/23 06:59	1
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Orga Result <49.9	Qualifier U	(GC) 	MDL	Unit mg/Kg	<u>D</u>	06/11/23 11:59	Analyzed 06/13/23 06:59	1
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Orga Result <49.9 100	Qualifier U	(GC) <u>RL</u> 49.9 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/11/23 11:59 06/11/23 11:59	Analyzed 06/13/23 06:59 06/13/23 06:59	1 Dil Fac 1 1 1 Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	el Range Orga Result <49.9 100 <49.9	Qualifier U	(GC) <u>RL</u> 49.9 49.9 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/11/23 11:59 06/11/23 11:59 06/11/23 11:59	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59	1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Orga Result <49.9 100 <49.9 %Recovery	Qualifier U	(GC) <u>RL</u> 49.9 49.9 49.9 Limits	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 Analyzed	1 1 1 Dil Fac
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	el Range Orga <u>Result</u> <49.9 100 <49.9 <u>%Recovery</u> 129 101	Qualifier U Qualifier	(GC) <u>RL</u> 49.9 49.9 <u>49.9</u> <u>Limits</u> 70 - 130 70 - 130	MDL	Unit mg/Kg mg/Kg	<u> </u>	06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared 06/11/23 11:59	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 Analyzed 06/13/23 06:59	1 1 1 <i>Dil Fac</i> 1
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion	el Range Orga Result <49.9 100 <49.9 %Recovery 129 101 Chromatograp	Qualifier U Qualifier	(GC) <u>RL</u> 49.9 49.9 <u>49.9</u> <u>Limits</u> 70 - 130 70 - 130		Unit mg/Kg mg/Kg	<u>D</u>	06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared 06/11/23 11:59	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 Analyzed 06/13/23 06:59	1 1 1 <i>Dil Fac</i> 1
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion Analyte	el Range Orga Result <49.9 100 <49.9 %Recovery 129 101 Chromatograp	Qualifier U Qualifier	(GC) <u>RL</u> 49.9 49.9 49.9 <u>Limits</u> 70 - 130 70 - 130 e		Unit mg/Kg mg/Kg mg/Kg		06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared 06/11/23 11:59 06/11/23 11:59	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 Analyzed 06/13/23 06:59 06/13/23 06:59	1 1 1 1 1 1 1
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	el Range Orga Result <49.9 100 <49.9 %Recovery 129 101 Chromatograp Result	Qualifier U Qualifier	(GC) <u>RL</u> 49.9 49.9 <u>49.9</u> <u>49.9</u> <u>70 - 130</u> 70 - 130 70 - 130 e <u>RL</u>		Unit mg/Kg mg/Kg mg/Kg		06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared 06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 Analyzed	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion Analyte Chloride	el Range Orga Result <49.9 100 <49.9 %Recovery 129 101 Chromatograp Result	Qualifier U Qualifier	(GC) <u>RL</u> 49.9 49.9 <u>49.9</u> <u>49.9</u> <u>70 - 130</u> 70 - 130 70 - 130 e <u>RL</u>		Unit mg/Kg mg/Kg mg/Kg		06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared 06/11/23 11:59 06/11/23 11:59 06/11/23 11:59 Prepared	Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 Analyzed 06/13/23 06:59 06/13/23 06:59 06/13/23 06:59 06/13/23 18:09 le ID: 880-29	Dil Fac

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

Result	Qualifier	RL						
		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00200	U	0.00200		mg/Kg		06/10/23 15:04	06/13/23 05:11	1
<0.00200	U	0.00200		mg/Kg		06/10/23 15:04	06/13/23 05:11	1
<0.00200	U *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 05:11	1
<0.00401	U *- *1	0.00401		mg/Kg		06/10/23 15:04	06/13/23 05:11	1
<0.00200	U *- *1	0.00200		mg/Kg		06/10/23 15:04	06/13/23 05:11	1
<0.00401	U *- *1	0.00401		mg/Kg		06/10/23 15:04	06/13/23 05:11	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
78		70 - 130				06/10/23 15:04	06/13/23 05:11	1
83		70 - 130				06/10/23 15:04	06/13/23 05:11	1
_	<0.00200 <0.00200 <0.00401 <0.00200 <0.00401 <i>%Recovery</i> 78	<0.00200 U <0.00200 U*1 <0.00401 U*- *1 <0.00200 U*- *1 <0.00401 U*- *1 <0.00401 U*- *1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200

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Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-13

Matrix: Solid

5

Released to Imaging: 12/5/2023 11:56:30 AM

Matrix: Solid

Matrix: Solid

5

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-14

Client Sample ID: S-5 (6")

Client: Carmona Resources

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/23 12:11	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	<50.0	U	50.0		mg/Kg		06/11/23 11:59	06/13/23 07:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/11/23 11:59	06/13/23 07:22	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/23 11:59	06/13/23 07:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				06/11/23 11:59	06/13/23 07:22	1
o-Terphenyl	103		70 - 130				06/11/23 11:59	06/13/23 07:22	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.1		5.02		mg/Kg			06/12/23 18:14	1

Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199		mg/Kg		06/10/23 15:04	06/13/23 05:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/10/23 15:04	06/13/23 05:32	1
Ethylbenzene	<0.00199	U *1	0.00199		mg/Kg		06/10/23 15:04	06/13/23 05:32	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		06/10/23 15:04	06/13/23 05:32	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		06/10/23 15:04	06/13/23 05:32	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		06/10/23 15:04	06/13/23 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				06/10/23 15:04	06/13/23 05:32	1
1,4-Difluorobenzene (Surr)	81		70 _ 130				06/10/23 15:04	06/13/23 05:32	1

Method: TAL SOP Total BTEX -	Total BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/23 11:41	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (O	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/23 12:11	1
_ Method: SW846 8015B NM - Die	esel 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		06/11/23 11:59	06/13/23 07:44	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/11/23 11:59	06/13/23 07:44	1
C10-C28)									

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Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Client Sample ID: S-5 (1') Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Analyte

Chloride

Lab Sample ID: 880-29350-15
SDG: Lea County, New Mexico
000 ID: 000 20000 I

Analyzed

06/12/23 18:20

Matrix: Solid

Dil Fac

Dil Fac

Dil Fac

1

1

1

1

Job ID: 880-29350-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/23 11:59	06/13/23 07:44
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed
1-Chlorooctane	136	S1+	70 - 130				06/11/23 11:59	06/13/23 07:44
o-Terphenyl	106		70 - 130				06/11/23 11:59	06/13/23 07:44

RL

5.04

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

30.3

Surrogate Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-29350-1	S-1 (0-3")	109	109		
880-29350-1 MS	S-1 (0-3")	100	123		
880-29350-1 MSD	S-1 (0-3")	96	101		- 2
880-29350-2	S-1 (6")	102	113		
880-29350-3	S-1 (1')	76	86		
880-29350-4	S-2 (0-3")	125	111		
880-29350-5	S-2 (6")	65 S1-	88		
880-29350-6	S-2 (1')	70	93		
880-29350-7	S-3 (0-3")	96	109		
880-29350-8	S-3 (6")	117	101		
880-29350-9	S-3 (1')	82	86		
880-29350-10	S-4 (0-3")	76	84		
880-29350-11	S-4 (6")	54 S1-	100		
880-29350-12	S-4 (1')	70	89		
880-29350-13	S-5 (0-3")	84	77		
880-29350-14	S-5 (6")	78	83		
880-29350-15	S-5 (1')	87	81		
LCS 880-55215/1-A	Lab Control Sample	58 S1-	113		
LCSD 880-55215/2-A	Lab Control Sample Dup	116	114		
MB 880-55176/5-A	Method Blank	69 S1-	98		
MB 880-55215/5-A	Method Blank	64 S1-	100		

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Г

				Percent Surrogate Recovery (Acceptance Limits
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-29346-A-1-H MS	Matrix Spike	98	97	
880-29346-A-1-I MSD	Matrix Spike Duplicate	95	96	
880-29350-1	S-1 (0-3")	94	153 S1+	
880-29350-2	S-1 (6")	114	184 S1+	
880-29350-3	S-1 (1')	148 S1+	114	
880-29350-4	S-2 (0-3")	139 S1+	118	
880-29350-5	S-2 (6")	156 S1+	121	
380-29350-6	S-2 (1')	151 S1+	117	
880-29350-7	S-3 (0-3")	132 S1+	163 S1+	
880-29350-8	S-3 (6")	141 S1+	140 S1+	
880-29350-9	S-3 (1')	143 S1+	110	
880-29350-10	S-4 (0-3")	140 S1+	109	
880-29350-10 MS	S-4 (0-3")	146 S1+	103	
880-29350-10 MSD	S-4 (0-3")	145 S1+	102	
880-29350-11	S-4 (6")	151 S1+	118	
880-29350-12	S-4 (1')	142 S1+	113	
880-29350-13	S-5 (0-3")	129	101	
880-29350-14	S-5 (6")	132 S1+	103	

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

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Prep Type: Total/NA

Surrogate Summary

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

				Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		5
880-29350-15	S-5 (1')	136 S1+	106		J
880-29351-A-11-E MS	Matrix Spike	137 S1+	110		6
880-29351-A-11-F MSD	Matrix Spike Duplicate	135 S1+	110		U
LCS 880-55185/2-A	Lab Control Sample	24 S1-	20 S1-		
LCS 880-55232/2-A	Lab Control Sample	130	102		
LCS 880-55379/2-A	Lab Control Sample	108	93		
LCSD 880-55185/3-A	Lab Control Sample Dup	23 S1-	19 S1-		8
LCSD 880-55232/3-A	Lab Control Sample Dup	118	90		
LCSD 880-55379/3-A	Lab Control Sample Dup	109	92		9
MB 880-55185/1-A	Method Blank	125	141 S1+		
MB 880-55232/1-A	Method Blank	0.02 S1-	0.02 S1-		
MB 880-55379/1-A	Method Blank	0.02 S1-	0.01 S1-		
Surrogate Legend					

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Job ID: 880-29350-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-55176/5-	Α								Client Sa	ample ID: Metho	
Matrix: Solid										Prep Type:	
Analysis Batch: 55243										Prep Batc	n: 551/6
Analysia		MB Qualifier	DI.			11		_	Duonouod	Analyzad	
Analyte	<0.00200		RL		MDL			D	Prepared 06/09/23 16:35	Analyzed	Dil Fac
Benzene			0.00200			mg/Kg				06/12/23 12:26	
Toluene	<0.00200 <0.00200		0.00200			mg/Kg			06/09/23 16:35 06/09/23 16:35	06/12/23 12:26 06/12/23 12:26	
Ethylbenzene			0.00200			mg/Kg					
m-Xylene & p-Xylene	<0.00400		0.00400			mg/Kg			06/09/23 16:35	06/12/23 12:26	
o-Xylene	< 0.00200		0.00200			mg/Kg			06/09/23 16:35	06/12/23 12:26	
Xylenes, Total	<0.00400) U	0.00400			mg/Kg			06/09/23 16:35	06/12/23 12:26	
	ME	B MB									
Surrogate	%Recovery		Limits						Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	9 S1-	70 - 130						06/09/23 16:35	06/12/23 12:26	
1,4-Difluorobenzene (Surr)	98	3	70 - 130						06/09/23 16:35	06/12/23 12:26	î
Lab Sample ID: MB 880-55215/5-	Α								Client Sa	ample ID: Metho	od Blank
Matrix: Solid										Prep Type:	Total/NA
Analysis Batch: 55243										Prep Batc	h: 55215
	ME	MB									
Analyte	Resul	d Qualifier	RL		MDL	Unit		D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200			mg/Kg		_	06/10/23 15:04	06/12/23 23:23	1
Toluene	<0.00200	U	0.00200			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
Ethylbenzene	<0.00200	U	0.00200			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
o-Xylene	<0.00200	U	0.00200			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
Xylenes, Total	<0.00400	U	0.00400			mg/Kg			06/10/23 15:04	06/12/23 23:23	1
	ME	B MB									
Surrogate	%Recovery	Qualifier	Limits						Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64	\$ S1-	70 - 130						06/10/23 15:04	06/12/23 23:23	1
1,4-Difluorobenzene (Surr)	100)	70 - 130						06/10/23 15:04	06/12/23 23:23	1
Lab Sample ID: LCS 880-55215/1	- A							С	lient Sample	ID: Lab Control	Sample
Matrix: Solid										Prep Type:	Total/NA
Analysis Batch: 55243										Prep Batc	h: 55215
			Spike	LCS	LCS	;				%Rec	
Analyte			Added	Result	Qua	lifier	Unit		D %Rec	Limits	
Benzene			0.100	0.1189			mg/Kg		119	70 - 130	
Toluene			0.100	0.08605			mg/Kg		86	70 - 130	
Ethylbenzene			0.100	0.07514			mg/Kg		75	70 - 130	
m-Xylene & p-Xylene			0.200	0.1385	*-		mg/Kg		69	70 - 130	
o-Xylene			0.100	0.06744	*_		mg/Kg		67	70 - 130	
	LCS LC										
Surrogate		alifier	Limits								
4-Bromofluorobenzene (Surr)	58 S1-		70 - 130								
1,4-Difluorobenzene (Surr)	113		70 - 130								
Lab Sample ID: LCSD 880-55215	/ 2-A						Cli	ent	Sample ID: L	ab Control Sam	ple Dur
Matrix: Solid										Prep Type:	Total/N/

							Flep	ype. io	lai/INA
Analysis Batch: 55243							Prep	Batch:	55215
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1266		mg/Kg		127	70 - 130	6	35

Eurofins Midland

SDG: Lea County, New Mexico

Job ID: 880-29350-1

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29350-1 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-5	5215/2-A					Cile	nt Sam	ibie in: I	Lab Contro		-
Matrix: Solid										Type: To	
Analysis Batch: 55243									Prep	Batch:	
			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene			0.100	0.1075		mg/Kg		108	70 - 130	22	35
Ethylbenzene			0.100	0.1173	*1	mg/Kg		117	70 - 130	44	35
m-Xylene & p-Xylene			0.200	0.2409	*1	mg/Kg		120	70 - 130	54	35
o-Xylene			0.100	0.1199	*1	mg/Kg		120	70 - 130	56	35
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)			70 - 130								
1,4-Difluorobenzene (Surr)	114		70 - 130								
Lab Sample ID: 880-29350-1	MS							Clie	ent Sample	ID: S-1	(0-3"
Matrix: Solid										Type: To	
Analysis Batch: 55243										Batch:	
· · · · · · · · · · · · · · · · · · ·	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	< 0.00198	U	0.0996	0.09110		mg/Kg		91	70 - 130		
Toluene	<0.00198	U F1	0.0996	0.04611	F1	mg/Kg		45	70 - 130		
Ethylbenzene	<0.00198	U *1 F1	0.0996	0.02595	F1	mg/Kg		26	70 - 130		
m-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.199	0.05230	F1	mg/Kg		26	70 - 130		
o-Xylene	<0.00198	U *- *1 F1	0.0996	0.02748	F1	mg/Kg		27	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	123		70 - 130								
Lab Sample ID: 880-29350-1	MSD							Clie	ent Sample	ID: S-1	(0-3")
Matrix: Solid									Prep 1	Type: To	tal/NA
Analysis Batch: 55243									Prep	Batch:	55215
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Analyte	Roount										
Analyte Benzene	<0.00198	U	0.0992	0.08017		mg/Kg		81	70 - 130	13	35

Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	< 0.00198	U	0.0992	0.08017		mg/Kg		81	70 - 130	13	35
Toluene	<0.00198	U F1	0.0992	0.05884	F1	mg/Kg		58	70 - 130	24	35
Ethylbenzene	<0.00198	U *1 F1	0.0992	0.02107	F1	mg/Kg		21	70 - 130	21	35
m-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.198	0.04185	F1	mg/Kg		21	70 - 130	22	35
o-Xylene	<0.00198	U *- *1 F1	0.0992	0.02162	F1	mg/Kg		21	70 - 130	24	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

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

96

101

Lab Sample ID: MB 880-55185/1-A Matrix: Solid Analysis Batch: 55229	мв	МВ					Client Sa	mple ID: Metho Prep Type: ⁻ Prep Batcl	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/09/23 17:18	06/11/23 19:35	1
(GRO)-C6-C10									

70 - 130

70 - 130

Eurofins Midland

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Page 88 of 141

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: MB 880-55185/	1-A										Client Sa	ample ID:	Method	Blank
Matrix: Solid													Гуре: То	
Analysis Batch: 55229													Batch	
Analysis Baten. 00220		МВ	MB									Trop	Daten	
Analyte	Re		Qualifier	RL		MDL	Unit		D	Р	repared	Analyz	hov	Dil Fa
Diesel Range Organics (Over		:50.0					mg/Kg		<u> </u>		9/23 17:18	06/11/23		Dirra
C10-C28)		.00.0	0	50.0			ing/it	9		00/0	3/25 17.10	00/11/20	19.00	
Oll Range Organics (Over C28-C36)	<	50.0	U	50.0)		mg/Kg	1		06/0	9/23 17:18	06/11/23	19:35	
		MB	МВ											
Surrogate	%Reco	-	Qualifier	Limits							repared	Analyz		Dil Fa
1-Chlorooctane		125		70 - 130							9/23 17:18	06/11/23		
o-Terphenyl		141	S1+	70 - 130						06/0	9/23 17:18	06/11/23	19:35	
l ab Sampla ID: I CS 890 EE18E									~	iont	Sample		ontrol	Somel
Lab Sample ID: LCS 880-55185 Matrix: Solid	0/ 2- A									ient	Sample	ID: Lab Co		
													Type: To	
Analysis Batch: 55229				Califo	1.00	1.00							Batch	: 5518
Analysis				Spike		LCS	161.0	11		~	0/ D	%Rec		
Analyte				Added	Result	Qual	rier	Unit		<u>D</u>		Limits		
Gasoline Range Organics (GRO)-C6-C10				1000	911.5			mg/Kg			91	70 - 130		
Diesel Range Organics (Over				1000	957.4			mg/Kg			96	70 - 130		
C10-C28)				1000	507.4			ing/itg			50	10-100		
	105	LCS												
	200													
	%Recovery		lifier	Limits										
1-Chlorooctane	%Recovery 24	S1-	lifier	70 - 130										
Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 24		lifier											
1-Chlorooctane o-Terphenyl	% Recovery 24 20	S1-	lifier	70 - 130								ch Ocerter		
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518	% Recovery 24 20	S1-	lifier	70 - 130				Cli	ient	Sam	iple ID: L	ab Contro	-	
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid	% Recovery 24 20	S1-	lifier	70 - 130				Cli	ient	Sam	ple ID: L	Prep 1	Type: To	otal/N
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518	% Recovery 24 20	S1-	lifier	70 - 130 70 - 130				Cli	ient	Sam	ıple ID: L	Prep T Prep	-	otal/NA : 5518
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229	% Recovery 24 20	S1-	lifier	70 - 130 70 - 130 Spike	LCSD				ient		-	Prep 1 Prep %Rec	Type: To Batch	otal/N/ : 5518 RPI
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte	% Recovery 24 20	S1-	lifier	70 - 130 70 - 130 Spike Added	Result			Unit	ient	Sam D_	%Rec	Prep 1 Prep %Rec Limits	RPD	otal/NA : 5518 RPI Limi
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics	% Recovery 24 20	S1-	lifier	70 - 130 70 - 130 Spike					ient :		-	Prep 1 Prep %Rec	Type: To Batch	otal/NA : 5518 RPI Limi
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10	% Recovery 24 20	S1-	lifier	70 - 130 70 - 130 Spike Added 1000	Result 882.9			<mark>Unit</mark> mg/Kg	ient		<u>%Rec</u>	Prep 7 Prep %Rec Limits 70 - 130	Type: To Batch: RPD 3	otal/N/ : 5518 RPI
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	% Recovery 24 20	S1-	lifier	70 - 130 70 - 130 Spike Added	Result			Unit	ient		%Rec	Prep 1 Prep %Rec Limits	RPD	otal/N/ : 5518 RPI Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10	%Recovery 24 20 35/3-A	S1- S1-		70 - 130 70 - 130 Spike Added 1000	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		<u>%Rec</u>	Prep 7 Prep %Rec Limits 70 - 130	Type: To Batch: RPD 3	otal/N/ : 5518 RPI Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	% Recovery 24 20	S1- S1-		70 - 130 70 - 130 Spike Added 1000	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		<u>%Rec</u>	Prep 7 Prep %Rec Limits 70 - 130	Type: To Batch: RPD 3	otal/N/ : 5518 RPI Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	%Recovery 24 20 35/3-A LCSD %Recovery	S1- S1- LCS Qua		70 - 130 70 - 130 Spike Added 1000	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		<u>%Rec</u>	Prep 7 Prep %Rec Limits 70 - 130	Type: To Batch: RPD 3	otal/N/ : 5518 RPI Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	%Recovery 24 20 35/3-A LCSD %Recovery	S1- S1- LCS		70 - 130 70 - 130 Spike Added 1000	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		<u>%Rec</u>	Prep 7 Prep %Rec Limits 70 - 130	Type: To Batch: RPD 3	otal/N/ : 5518 RPI Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	%Recovery 24 20 35/3-A <i>LCSD</i> %Recovery 23	S1- S1- LCS Qua		70 - 130 70 - 130 Spike Added 1000 1000	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		<u>%Rec</u>	Prep 7 Prep %Rec Limits 70 - 130	Type: To Batch: RPD 3	otal/NA : 5518 RPE Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 24 20 35/3-A S5/3-A UCSD %Recovery 23 19 19	S1- S1- LCS Quan S1-		70 - 130 70 - 130 Spike Added 1000 1000 <i>Limits</i> 70 - 130	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		%Rec 88 93	Prep 7 Prep % %Rec Limits 70 - 130 70 - 130	Type: To Batch: RPD 3 3	otal/N/ : 5518 RPE Limi 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1-	%Recovery 24 20 35/3-A S5/3-A UCSD %Recovery 23 19 19	S1- S1- LCS Quan S1-		70 - 130 70 - 130 Spike Added 1000 1000 <i>Limits</i> 70 - 130	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		%Rec 88 93	Prep %Rec Limits 70 - 130 70 - 130	Type: To Batch: RPD 3 3 3	otal/NA : 5518: RPI Limi 20 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid	%Recovery 24 20 35/3-A S5/3-A UCSD %Recovery 23 19 19	S1- S1- LCS Quan S1-		70 - 130 70 - 130 Spike Added 1000 1000 <i>Limits</i> 70 - 130	Result 882.9			<mark>Unit</mark> mg/Kg	ient :		%Rec 88 93	Prep %Rec Limits 70 - 130 70 - 130 Sample ID Prep	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NA : 5518 RPI Limi 20 20 x Spike otal/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1-	%Recovery 24 20 35/3-A LCSD %Recovery 23 19 H MS 10	S1- S1- S1- LCS Qua S1- S1- S1-	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 <i>Limits</i> 70 - 130 70 - 130	Result 882.9 925.2	Qual		<mark>Unit</mark> mg/Kg	ient :		%Rec 88 93	Prep 7 Prep %Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID Prep 7 Prep	Type: To Batch: RPD 3 3 3	otal/NA : 5518 RPI Limi 20 20 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid Analysis Batch: 55229	%Recovery 24 20 35/3-A B5/3-A UCSD %Recovery 23 19 19 H MS Sample	S1- S1- LCS Qual S1- S1- S1-	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 1000 1000 70 - 130 70 - 130 70 - 130	Result 882.9 925.2 MS	Qual	ifier	Unit mg/Kg mg/Kg	ient :	<u>D</u>	%Rec 88 93 Client S	Prep 7 Prep % Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID Prep 7 Prep 7 %Rec	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NA : 5518 RPI Limi 20 20 x Spike otal/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid Analysis Batch: 55229 Analyte	%Recovery 24 20 35/3-A 35/3-A <i>LCSD</i> %Recovery 23 19 -H MS Sample Result	S1- S1- S1- LCS Qual S1- S1- S1- Sam	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 1000 1000 1000 1000 50 - 130 70 - 130 70 - 130 Spike Added	Result 882.9 925.2 MS Result	Qual	ifier	Unit mg/Kg mg/Kg	ient :		%Rec 88 93 Client \$	Prep 7 Prep % Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 70 -	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NA : 5518 RPI Limi 20 20 20
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid	%Recovery 24 20 35/3-A B5/3-A UCSD %Recovery 23 19 19 H MS Sample	S1- S1- S1- LCS Qual S1- S1- S1- Sam	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 1000 1000 70 - 130 70 - 130 70 - 130	Result 882.9 925.2 MS	Qual	ifier	Unit mg/Kg mg/Kg	ient :	<u>D</u>	%Rec 88 93 Client S	Prep 7 Prep % Rec Limits 70 - 130 70 - 130 70 - 130 Sample ID Prep 7 Prep 7 %Rec	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NJ : 5518 RPI Lim 2 2 2 x Spike otal/NJ
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid Analysis Batch: 55229 Analysis Batch: 55229 Gasoline Range Organics (Over	%Recovery 24 20 35/3-A 35/3-A <i>LCSD</i> %Recovery 23 19 -H MS Sample Result	S1- S1- Qual S1- S1- S1-	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 1000 1000 1000 1000 50 - 130 70 - 130 70 - 130 Spike Added	Result 882.9 925.2 MS Result	Qual	ifier	Unit mg/Kg mg/Kg	ient :	<u>D</u>	%Rec 88 93 Client \$	Prep 7 Prep % Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 70 -	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NA : 5518: RPI Limi 2: 2: 2: x Spike otal/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics	%Recovery 24 20 35/3-A B5/3-A LCSD %Recovery 23 19 HMS HMS Sample Result <49.9	S1- S1- Qual S1- U U	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 1000 1000 1000 1000 50 - 130 70 - 130 70 - 130 Spike Added 999	Result 882.9 925.2 925.2 MS Result 961.3	Qual	ifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ient :	<u>D</u>	%Rec 88 93 Client \$ %Rec 95	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 %Rec Use %Rec Use %Rec Limits 70 - 130	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NA : 5518: RPI Limi 2: 2: 2: x Spike otal/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-5518 Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29346-A-1- Matrix: Solid Analysis Batch: 55229 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	%Recovery 24 20 35/3-A B5/3-A 23 %Recovery 23 19 39 H MS Sample Result <49.9	S1- S1- Qual S1- U U	D lifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 1000 1000 1000 1000 50 - 130 70 - 130 70 - 130 Spike Added 999	Result 882.9 925.2 925.2 MS Result 961.3	Qual	ifier	Unit mg/Kg mg/Kg <u>Unit</u> mg/Kg	ient :	<u>D</u>	%Rec 88 93 Client \$ %Rec 95	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 %Rec Use %Rec Use %Rec Limits 70 - 130	Type: To Batch: RPD 3 3 3 : Matrix Type: To	otal/NA : 5518 RPI Limi 20 20 20

97

o-Terphenyl

70 - 130

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29350-1 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-29346-A-1 Matrix: Solid	-												Matrix S Prep	Type: To	-
Analysis Batch: 55229														Batch:	
Analysis Batch. 00220	Sample	Sam	ple	Spike		MSD	MSD						%Rec	, Daten.	RPD
Analyte	Result		-	Added		Result		ifier	Unit		D	%Rec	Limits	RPD	Limi
Gasoline Range Organics	<49.9	-		998		943.6			mg/Kg			93	70 - 130	2	20
(GRO)-C6-C10									0 0						
Diesel Range Organics (Over C10-C28)	<49.9	U		998		875.3			mg/Kg			88	70 - 130	4	20
	MSD	MSE)												
Surrogate	%Recovery		, lifier	Limits											
1-Chlorooctane	95			70 - 130	-										
o-Terphenyl	96			70 - 130											
Lab Sample ID: MB 880-55232	/ 1- A											Client Sa	ample ID:	Method	Blank
Matrix: Solid														Type: To	
Analysis Batch: 55238														Batch:	
· ·····, ··· · · · · · · · · · · · · ·		мв	МВ												
Analyte	R	esult	Qualifier		RL		MDL	Unit		D	Pr	epared	Analy	zed	Dil Fac
Gasoline Range Organics	<	50.0	U		50.0			mg/Kg		_	06/1	1/23 11:59	06/12/23	20:14	1
(GRO)-C6-C10															
Diesel Range Organics (Over	<	\$50.0	U		50.0			mg/Kg			06/1	1/23 11:59	06/12/23	20:14	1
C10-C28) Oll Range Organics (Over C28-C36)	<	50.0	U		50.0			mg/Kg			06/1 ⁻	1/23 11:59	06/12/23	20:14	1
		ΜВ	МВ												
Surrogate	%Reco	very	Qualifier	Lin	nits						Pi	repared	Analy	zed	Dil Fac
1-Chlorooctane		0.02	S1-	70 -	130						06/1	1/23 11:59	06/12/23	20:14	1
o-Terphenyl		0.02	S1-	70 -	- 130						06/1	1/23 11:59	06/12/23	20:14	1
Lab Sample ID: LCS 880-55232	2/2-A									С	lient	Sample	ID: Lab C	ontrol S	Sample
Matrix: Solid														Type: To	
Analysis Batch: 55238														Batch:	
				Spike		LCS	LCS						%Rec		
Analyte				Added		Result	Qual	ifier	Unit		D	%Rec	Limits		
Gasoline Range Organics				1000		977.8			mg/Kg			98	70 - 130		
(GRO)-C6-C10															
Diesel Range Organics (Over C10-C28)				1000		934.7			mg/Kg			93	70 - 130		
	LCS	LCS	;												
Surrogate	%Recovery		lifier	Limits											
1-Chlorooctane	130			70 - 130	_										
o-Terphenyl	102			70 - 130											
Lab Sample ID: LCSD 880-552 Matrix: Solid	32/3-A								Cli	ent	Sam	ple ID: L	ab Contro Prep	ol Samp Type: To	
Analysis Batch: 55238														Batch:	
,				Spike		LCSD	LCS	D					%Rec		RPD
Analyte				Added		Result	Qual	ifier	Unit		D	%Rec	Limits	RPD	Limi
Gasoline Range Organics				1000		980.0			mg/Kg			98	70 - 130	0	20
(GRO)-C6-C10				1000		943.1							70 - 130		20

Lab Sample ID: LCSD 880-55232/3-A

Lab Sample ID: 880-29350-10 MS

Matrix: Solid

Surrogate

o-Terphenyl

Analyte

C10-C28)

Surrogate

1-Chlorooctane o-Terphenyl

1-Chlorooctane

Matrix: Solid

(GRO)-C6-C10

Analysis Batch: 55238

Analysis Batch: 55238

Gasoline Range Organics

Diesel Range Organics (Over

QC Sample Results

Limits

70 - 130

70 - 130

Spike

Added

998

998

Limits

70 - 130

70 - 130

MS MS

1295

988.0

Result Qualifier

Unit

mg/Kg

mg/Kg

D

%Rec

128

84

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

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

LCSD LCSD %Recovery Qualifier

118

90

Sample Sample

MS MS

146 S1+

%Recovery Qualifier

103

<49.8 U

151

Result Qualifier

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-3")

%Rec

Limits

70 - 130

70 - 130

Prep Type: Total/NA

Prep Batch: 55232

Prep Type: Total/NA

Prep Batch: 55232

Client Sample ID: Lab Control Sample Dup

5
7
8
8 9
9
9

Client Sa	mple	ID: S	-4 (0-3")	
	Pron T	ivno:	Tota		

Matrix: Solid									Prep 1	Type: To	tal/NA
Analysis Batch: 55238									Prep	Batch:	55232
	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	<49.8	U	998	1240		mg/Kg		123	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	151		998	978.3		mg/Kg		83	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	102		70 _ 130

Lab Sample ID: MB 880-55379/1-A
Matrix: Solid
Analysis Batch: 55457

Lab Sample ID: 880-29350-10 MSD

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

Prep Batch: 55379

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/13/23 09:44	06/14/23 21:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/13/23 09:44	06/14/23 21:15	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/13/23 09:44	06/14/23 21:15	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	0.02	S1-	70 - 130				06/13/23 09:44	06/14/23 21:15	1
o-Terphenyl	0.01	S1-	70 - 130				06/13/23 09:44	06/14/23 21:15	1

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29350-1 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-553 Matrix: Solid	DI 3/2-A						Chefft	Sample	D: Lab C	ontrol Sa Type: Tot	
Analysis Batch: 55457			Spike	201	LCS				%Rec	Batch:	5557
Analyto			Added		Qualifier	Unit	D	%Rec	Limits		
Analyte Gasoline Range Organics			1000 Added	829.5	Quaimer	mg/Kg		83	70 - 130		
GRO)-C6-C10			1000	029.0		mg/Kg		03	70 - 130		
Diesel Range Organics (Over			1000	806.1		mg/Kg		81	70 - 130		
C10-C28)						5. 5					
	1.00	1.00									
		LCS	,								
Surrogate 1-Chlorooctane	% Recovery 108	Qualifier									
	93		70 - 130 70 - 130								
p-Terphenyl	93		70 - 130								
Lab Sample ID: LCSD 880-55	5379/3-0					Clier	nt Sam		Lab Contro		
Matrix: Solid	0010/0-A					Unici	it ouii	ipic ib.		Type: To	
Analysis Batch: 55457										Batch:	
anaryois Daton. 00707			Spike	LCSD	LCSD				%Rec	Buttin.	RF
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Lin
Gasoline Range Organics			1000	929.0		mg/Kg		93	70 - 130	11	2
GRO)-C6-C10			1000	523.0				55			4
Diesel Range Organics (Over			1000	910.9		mg/Kg		91	70 - 130	12	:
C10-C28)											
	LCSD	1000									
Surrogate	%Recovery	Qualifier	Limits								
-Chlorooctane	% <i>Recovery</i>	wuaiiiiter									
o-Terphenyl	92		70 - 130								
and the second	-11-E MS							Client	Sample ID		
Matrix: Solid	-11-E MS							Client	Prep 1	Type: To	tal/N
Matrix: Solid								Client	Prep 1 Prep		tal/N
Matrix: Solid Analysis Batch: 55457	Sample	•	Spike	MS					Prep 1 Prep %Rec	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte	Sample Result	Qualifier	Added	Result	MS Qualifier	Unit	<u>D</u>	%Rec	Prep Prep %Rec Limits	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics	Sample	Qualifier	-			_ <mark>Unit</mark> mg/Kg	<u>D</u>		Prep 1 Prep %Rec	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10	Sample Result <49.9	Qualifier	Added	Result 1080		mg/Kg	D	%Rec	Prep Prep %Rec Limits 70 - 130	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	Sample Result	Qualifier	Added	Result			<u>D</u>	%Rec	Prep Prep %Rec Limits	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	Sample 	Qualifier U U	Added	Result 1080		mg/Kg	<u> </u>	%Rec	Prep Prep %Rec Limits 70 - 130	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Sample Result <49.9 <49.9 MS	Qualifier U U	Added	Result 1080		mg/Kg	<u>D</u>	%Rec	Prep Prep %Rec Limits 70 - 130	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	Sample Result <49.9 <49.9 MS %Recovery	Qualifier U U MS Qualifier	Added 998 998 Limits	Result 1080		mg/Kg	<u> </u>	%Rec	Prep Prep %Rec Limits 70 - 130	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane	Sample Result <49.9 <49.9 Sweethight Sweethight Sweethight Sweethight Sweethight Sweethight Sweethight Sweethight Sweethight Sample Sweethight Sample Sweethight Swe	Qualifier U U	Added 998 998 <u>Limits</u> 70 - 130	Result 1080		mg/Kg	<u>D</u>	%Rec	Prep Prep %Rec Limits 70 - 130	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate (-Chlorooctane	Sample Result <49.9 <49.9 MS %Recovery	Qualifier U U MS Qualifier	Added 998 998 Limits	Result 1080		mg/Kg	D_	%Rec	Prep Prep %Rec Limits 70 - 130	Type: To	tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl	Sample Result <49.9 <49.9 MS %Recovery 137 110	Qualifier U U MS Qualifier	Added 998 998 <u>Limits</u> 70 - 130	Result 1080		mg/Kg		%Rec 106 108	Prep 7 Prep %Rec Limits 70 - 130 70 - 130	Type: Tot Batch:	tal/N 5537
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A	Sample Result <49.9 <49.9 MS %Recovery 137 110	Qualifier U U MS Qualifier	Added 998 998 <u>Limits</u> 70 - 130	Result 1080		mg/Kg		%Rec 106 108	Prep 7 Prep %Rec Limits 70 - 130 70 - 130 70 - 130	Type: Tot Batch:	tal/N 5537
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate A-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid	Sample Result <49.9 <49.9 MS %Recovery 137 110	Qualifier U U MS Qualifier	Added 998 998 <u>Limits</u> 70 - 130	Result 1080		mg/Kg		%Rec 106 108	Prep 7 Prep % %Rec Limits 70 - 130 70 - 130 70 - 130 20: Matrix Sp Prep 7	Type: Tot Batch: pike Dup Type: Tot	tal/N 5537 Dicat tal/N
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate (-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid	Sample Result <49.9 <49.9 MS <u>%Recovery</u> 137 110 A-11-F MSD	Qualifier U MS Qualifier S1+	Added 998 998 <u>Limits</u> 70 - 130 70 - 130	Result 1080 1099	Qualifier	mg/Kg		%Rec 106 108	Prep Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 Prep	Type: Tot Batch:	vlicat tal/N 5537
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457	Sample Result <49.9 <49.9 MS %Recovery 137 110 s-11-F MSD Sample	Qualifier U MS Qualifier S1+	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 Spike	Result 1080 1099 MSD	Qualifier	mg/Kg mg/Kg Cli	ient Sa	%Rec 106 108	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 %Rec	Dike Dup Batch:	olicat tal/N 5537
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte	Sample Result <49.9 <49.9 MS %Recovery 137 110 -11-F MSD Sample Result	Qualifier U MS Qualifier S1+ Sample Qualifier	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 Spike Added	Result 1080 1099 MSD Result	Qualifier	mg/Kg mg/Kg Cli		%Rec 106 108 ample IC	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 %Rec Limits	Dike Dup Dike Dup Dype: Tot Distance: RPD	vilicat tal/N 5537 5537 tal/N 5537 RF Lin
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics	Sample Result <49.9 <49.9 MS %Recovery 137 110 s-11-F MSD Sample	Qualifier U MS Qualifier S1+ Sample Qualifier	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 Spike	Result 1080 1099 MSD	Qualifier	mg/Kg mg/Kg Cli	ient Sa	%Rec 106 108	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 %Rec	Dike Dup Batch:	vilicat tal/N 5537 5537 tal/N 5537 RF Lin
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10	Sample Result <49.9 <49.9 MS %Recovery 137 110 -11-F MSD Sample Result	Qualifier U MS Qualifier S1+ Sample Qualifier U	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 Spike Added	Result 1080 1099 MSD Result	Qualifier	mg/Kg mg/Kg Cli	ient Sa	%Rec 106 108 ample IC	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 190 %Rec Limits	Dike Dup Dike Dup Dype: Tot Distance: RPD	blica tal/N 5537 tal/N 5537 RF Lin
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	Sample Result <49.9 <49.9 MS %Recovery 137 110 A-11-F MSD Sample Result <49.9	Qualifier U MS Qualifier S1+ Sample Qualifier U	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 70 - 130 Spike Added 997	Result 1080 1099 MSD Result 1076	Qualifier	mg/Kg mg/Kg Cli mg/Kg	ient Sa	%Rec 106 108 ample IC %Rec 105	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 0: Matrix Sp Prep %Rec Limits 70 - 130	Dike Dup Type: Tot Batch: Dike Dup Type: Tot Batch: 0	blicat tal/N 5537 5537 tal/N 5537 RF Lin
Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	Sample Result <49.9 <49.9 <i>MS</i> <i>%Recovery</i> 137 110 -11-F MSD Sample Result <49.9 <49.9	Qualifier U MS Qualifier S1+ Sample Qualifier U U	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 70 - 130 Spike Added 997	Result 1080 1099 MSD Result 1076	Qualifier	mg/Kg mg/Kg Cli mg/Kg	ient Sa	%Rec 106 108 ample IC %Rec 105	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 0: Matrix Sp Prep %Rec Limits 70 - 130	Dike Dup Type: Tot Batch: Dike Dup Type: Tot Batch: 0	blicat tal/N 5537 5537 tal/N 5537 RP Lim 2
Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-29351-A Matrix: Solid Analysis Batch: 55457 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	Sample Result <49.9 <49.9 <i>MS</i> <i>%Recovery</i> 137 110 -11-F MSD Sample Result <49.9 <49.9	Qualifier U MS Qualifier S1+ Sample Qualifier U U	Added 998 998 <u>Limits</u> 70 - 130 70 - 130 70 - 130 Spike Added 997	Result 1080 1099 MSD Result 1076	Qualifier	mg/Kg mg/Kg Cli mg/Kg	ient Sa	%Rec 106 108 ample IC %Rec 105	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 0: Matrix Sp Prep %Rec Limits 70 - 130	Dike Dup Type: Tot Batch: Dike Dup Type: Tot Batch: 0	silicat

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Client: Carmona Resources

Job ID: 880-29350-1 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-29351-A-11-F	MSD							Client S	Sample II	D: Matrix Sp		
Matrix: Solid										Prep 1	Type: To	otal/N
Analysis Batch: 55457										Prep	Batch:	5537
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
o-Terphenyl	110		70 - 130	-								
lethod: 300.0 - Anions, Ion (Chromat	ography										
Lab Sample ID: MB 880-55249/1-/	4								Client S	Sample ID:	Method	Blar
Matrix: Solid										Prep	Type: S	olub
Analysis Batch: 55259												
		MB MB										
Analyte		esult Qualifier		RL		MDL Unit		D	Prepared	Analyz	ed	Dil F
Chloride	~	<5.00 U		5.00		mg/K	g			06/12/23	14:20	
_ab Sample ID: LCS 880-55249/2	- A							Clier	nt Sample	e ID: Lab Co	ontrol S	amr
Matrix: Solid											Type: S	
Analysis Batch: 55259												
-			Spike		LCS	LCS				%Rec		
Analyte			Added		Result	Qualifier	Unit	D	%Rec	Limits		
Chloride			250		256.2		mg/Kg		102	90 - 110		
_ab Sample ID: LCSD 880-55249/	3-A						Cli	ient Sa	mple ID:	Lab Contro		
Matrix: Solid										Prep	Type: S	olu
Analysis Batch: 55259												
			Spike		LCSD	LCSD				%Rec		F
Analyte			Added			Qualifier	Unit	D		Limits	RPD	Li
Chloride			250		266.1		mg/Kg		106	90 - 110	4	
Lab Sample ID: 880-29350-1 MS									Clie	ent Sample	ID: S-1	(0-;
Matrix: Solid											Type: S	
Analysis Batch: 55259											.,,	
	Sample	Sample	Spike		MS	MS				%Rec		
Analyte	Result	Qualifier	Added		Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	67.1		249		311.2		mg/Kg		98	90 - 110		
_ab Sample ID: 880-29350-1 MSD									Cliv	ent Sample		(0)
Aatrix: Solid									Circ		Type: S	
viatrix. Soliu										Prep	Type: 5	oiu
Analysis Ratch: 55250		Sample	Spike		MSD	MSD				%Rec		R
Analysis Batch: 55259	Sample		Opike			Qualifier	Unit	D	%Rec	Limits	RPD	Li
	Sample		Addad		Result	Quaimer					4	
nalyte	Result	Qualifier	Added				ma/Ka					
nalyte			Added 249		323.6		mg/Kg		103	90 - 110	4	
Analyte	Result 67.1						mg/Kg			Sample ID:		Bla
Analyte Chloride Lab Sample ID: MB 880-55250/1-/	Result 67.1						mg/Kg			Sample ID:		
Analyte Chloride Lab Sample ID: MB 880-55250/1-/ Matrix: Solid	Result 67.1						mg/Kg			Sample ID:	Method	
Analyte Chloride Lab Sample ID: MB 880-55250/1-/ Matrix: Solid	Result 67.1						mg/Kg			Sample ID:	Method	
Analysis Batch: 55259 Analyte Chloride Lab Sample ID: MB 880-55250/1-/ Matrix: Solid Analysis Batch: 55260 Analyte	Result 67.1	Qualifier		RL	323.6	MDL Unit	mg/Kg	D		Sample ID:	Method Type: S	

Eurofins Midland

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-5525 Matrix: Solid	0/2-A						Client	Sample	D: Lab Co Prop	ontrol Sa Type: So	
Analysis Batch: 55260									Tieb	Type. O	olubie
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride			250	257.7		mg/Kg		103	90 - 110		
- Lab Sample ID: LCSD 880-552	250/3-A					Clier	nt Sam	ple ID:	Lab Contro	ol Sampl	e Dup
Matrix: Solid								- -		Type: So	
Analysis Batch: 55260											
			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	259.8		mg/Kg		104	90 _ 110	1	20
Lab Sample ID: 880-29350-11	MS							с	lient Samp	le ID: S-	4 (6")
Matrix: Solid									Prep	Type: So	oluble
Analysis Batch: 55260											
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	54.8		252	298.8		mg/Kg		97	90 - 110		
Lab Sample ID: 880-29350-11	MSD							с	lient Samp	le ID: S-	4 (6")
Matrix: Solid									Prep	Type: So	oluble
Analysis Batch: 55260											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Chloride	54.8		252	297.6		mg/Kg		96	90 - 110	0	20

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29350-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 55176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-55176/5-A	Method Blank	Total/NA	Solid	5035	
rep Batch: 55215					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	5035	
80-29350-2	S-1 (6")	Total/NA	Solid	5035	
880-29350-3	S-1 (1')	Total/NA	Solid	5035	
80-29350-4	S-2 (0-3")	Total/NA	Solid	5035	
80-29350-5	S-2 (6")	Total/NA	Solid	5035	
380-29350-6	S-2 (1')	Total/NA	Solid	5035	
880-29350-7	S-3 (0-3")	Total/NA	Solid	5035	
80-29350-8	S-3 (6")	Total/NA	Solid	5035	
380-29350-9	S-3 (1')	Total/NA	Solid	5035	
80-29350-10	S-4 (0-3")	Total/NA	Solid	5035	
80-29350-11	S-4 (6")	Total/NA	Solid	5035	
380-29350-12	S-4 (1')	Total/NA	Solid	5035	
80-29350-13	S-5 (0-3")	Total/NA	Solid	5035	
880-29350-14	S-5 (6")	Total/NA	Solid	5035	1
380-29350-15	S-5 (1')	Total/NA	Solid	5035	
//B 880-55215/5-A	Method Blank	Total/NA	Solid	5035	
.CS 880-55215/1-A	Lab Control Sample	Total/NA	Solid	5035	
-CSD 880-55215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-29350-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-29350-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

Analysis Batch: 55243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	8021B	55215
880-29350-2	S-1 (6")	Total/NA	Solid	8021B	55215
880-29350-3	S-1 (1')	Total/NA	Solid	8021B	55215
880-29350-4	S-2 (0-3")	Total/NA	Solid	8021B	55215
880-29350-5	S-2 (6")	Total/NA	Solid	8021B	55215
880-29350-6	S-2 (1')	Total/NA	Solid	8021B	55215
880-29350-7	S-3 (0-3")	Total/NA	Solid	8021B	55215
880-29350-8	S-3 (6")	Total/NA	Solid	8021B	55215
880-29350-9	S-3 (1')	Total/NA	Solid	8021B	55215
880-29350-10	S-4 (0-3")	Total/NA	Solid	8021B	55215
880-29350-11	S-4 (6")	Total/NA	Solid	8021B	55215
880-29350-12	S-4 (1')	Total/NA	Solid	8021B	55215
880-29350-13	S-5 (0-3")	Total/NA	Solid	8021B	55215
880-29350-14	S-5 (6")	Total/NA	Solid	8021B	55215
880-29350-15	S-5 (1')	Total/NA	Solid	8021B	55215
MB 880-55176/5-A	Method Blank	Total/NA	Solid	8021B	55176
MB 880-55215/5-A	Method Blank	Total/NA	Solid	8021B	55215
LCS 880-55215/1-A	Lab Control Sample	Total/NA	Solid	8021B	55215
LCSD 880-55215/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	55215
880-29350-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	55215
880-29350-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	55215

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29350-1 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 55400

nalysis Batch: 554	00				
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	·
880-29350-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-29350-3	S-1 (1')	Total/NA	Solid	Total BTEX	
880-29350-4	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-29350-5	S-2 (6")	Total/NA	Solid	Total BTEX	
880-29350-6	S-2 (1')	Total/NA	Solid	Total BTEX	
880-29350-7	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-29350-8	S-3 (6")	Total/NA	Solid	Total BTEX	
880-29350-9	S-3 (1')	Total/NA	Solid	Total BTEX	
880-29350-10	S-4 (0-3")	Total/NA	Solid	Total BTEX	
880-29350-11	S-4 (6")	Total/NA	Solid	Total BTEX	
880-29350-12	S-4 (1')	Total/NA	Solid	Total BTEX	
880-29350-13	S-5 (0-3")	Total/NA	Solid	Total BTEX	
880-29350-14	S-5 (6")	Total/NA	Solid	Total BTEX	
880-29350-15	S-5 (1')	Total/NA	Solid	Total BTEX	
GC Semi VOA					
Prep Batch: 55185					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	

GC Semi VOA

Prep Batch: 55185

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-29350-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
MB 880-55185/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-55185/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-55185/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29346-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-29346-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 55229

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	8015B NM	55185
880-29350-2	S-1 (6")	Total/NA	Solid	8015B NM	55185
MB 880-55185/1-A	Method Blank	Total/NA	Solid	8015B NM	55185
LCS 880-55185/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	55185
LCSD 880-55185/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	55185
880-29346-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	55185
880-29346-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	55185

Prep Batch: 55232

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-3	S-1 (1')	Total/NA	Solid	8015NM Prep	
880-29350-5	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-29350-6	S-2 (1')	Total/NA	Solid	8015NM Prep	
880-29350-9	S-3 (1')	Total/NA	Solid	8015NM Prep	
880-29350-10	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
880-29350-11	S-4 (6")	Total/NA	Solid	8015NM Prep	
880-29350-12	S-4 (1')	Total/NA	Solid	8015NM Prep	
880-29350-13	S-5 (0-3")	Total/NA	Solid	8015NM Prep	
880-29350-14	S-5 (6")	Total/NA	Solid	8015NM Prep	
880-29350-15	S-5 (1')	Total/NA	Solid	8015NM Prep	
MB 880-55232/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

GC Semi VOA (Continued)

Prep Batch: 55232 (Continued)

Lab Sample ID LCS 880-55232/2-A	Client Sample ID Lab Control Sample	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
LCSD 880-55232/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29350-10 MS	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
880-29350-10 MSD	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
Analysis Batch: 55238					

Analysis Batch: 55238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
880-29350-3	S-1 (1')	Total/NA	Solid	8015B NM	55232	8
880-29350-5	S-2 (6")	Total/NA	Solid	8015B NM	55232	
880-29350-6	S-2 (1')	Total/NA	Solid	8015B NM	55232	9
880-29350-9	S-3 (1')	Total/NA	Solid	8015B NM	55232	
880-29350-10	S-4 (0-3")	Total/NA	Solid	8015B NM	55232	
880-29350-11	S-4 (6")	Total/NA	Solid	8015B NM	55232	
880-29350-12	S-4 (1')	Total/NA	Solid	8015B NM	55232	
880-29350-13	S-5 (0-3")	Total/NA	Solid	8015B NM	55232	
880-29350-14	S-5 (6")	Total/NA	Solid	8015B NM	55232	
880-29350-15	S-5 (1')	Total/NA	Solid	8015B NM	55232	
MB 880-55232/1-A	Method Blank	Total/NA	Solid	8015B NM	55232	
LCS 880-55232/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	55232	
LCSD 880-55232/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	55232	
880-29350-10 MS	S-4 (0-3")	Total/NA	Solid	8015B NM	55232	
880-29350-10 MSD	S-4 (0-3")	Total/NA	Solid	8015B NM	55232	

Analysis Batch: 55330

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-29350-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-29350-3	S-1 (1')	Total/NA	Solid	8015 NM	
880-29350-4	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-29350-5	S-2 (6")	Total/NA	Solid	8015 NM	
880-29350-6	S-2 (1')	Total/NA	Solid	8015 NM	
880-29350-7	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-29350-8	S-3 (6")	Total/NA	Solid	8015 NM	
880-29350-9	S-3 (1')	Total/NA	Solid	8015 NM	
880-29350-10	S-4 (0-3")	Total/NA	Solid	8015 NM	
880-29350-11	S-4 (6")	Total/NA	Solid	8015 NM	
880-29350-12	S-4 (1')	Total/NA	Solid	8015 NM	
880-29350-13	S-5 (0-3")	Total/NA	Solid	8015 NM	
880-29350-14	S-5 (6")	Total/NA	Solid	8015 NM	
880-29350-15	S-5 (1')	Total/NA	Solid	8015 NM	

Prep Batch: 55379

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-4	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-29350-7	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-29350-8	S-3 (6")	Total/NA	Solid	8015NM Prep	
MB 880-55379/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-55379/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-55379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29351-A-11-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-29351-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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Job ID: 880-29350-1 SDG: Lea County, New Mexico

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Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29350-1 SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 55457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29350-4	S-2 (0-3")	Total/NA	Solid	8015B NM	55379
880-29350-7	S-3 (0-3")	Total/NA	Solid	8015B NM	55379
880-29350-8	S-3 (6")	Total/NA	Solid	8015B NM	55379
MB 880-55379/1-A	Method Blank	Total/NA	Solid	8015B NM	55379
LCS 880-55379/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	55379
LCSD 880-55379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	55379
880-29351-A-11-E MS	Matrix Spike	Total/NA	Solid	8015B NM	55379
880-29351-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	55379

HPLC/IC

Leach Batch: 55249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-29350-2	S-1 (6")	Soluble	Solid	DI Leach	
880-29350-3	S-1 (1')	Soluble	Solid	DI Leach	
880-29350-4	S-2 (0-3")	Soluble	Solid	DI Leach	
880-29350-5	S-2 (6")	Soluble	Solid	DI Leach	
880-29350-6	S-2 (1')	Soluble	Solid	DI Leach	
880-29350-7	S-3 (0-3")	Soluble	Solid	DI Leach	
880-29350-8	S-3 (6")	Soluble	Solid	DI Leach	
880-29350-9	S-3 (1')	Soluble	Solid	DI Leach	
880-29350-10	S-4 (0-3")	Soluble	Solid	DI Leach	
MB 880-55249/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-55249/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-55249/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-29350-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-29350-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	

Leach Batch: 55250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29350-11	S-4 (6")	Soluble	Solid	DI Leach	
880-29350-12	S-4 (1')	Soluble	Solid	DI Leach	
880-29350-13	S-5 (0-3")	Soluble	Solid	DI Leach	
880-29350-14	S-5 (6")	Soluble	Solid	DI Leach	
880-29350-15	S-5 (1')	Soluble	Solid	DI Leach	
MB 880-55250/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-55250/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-55250/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-29350-11 MS	S-4 (6")	Soluble	Solid	DI Leach	
880-29350-11 MSD	S-4 (6")	Soluble	Solid	DI Leach	

Analysis Batch: 55259

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-1	S-1 (0-3")	Soluble	Solid	300.0	55249
880-29350-2	S-1 (6")	Soluble	Solid	300.0	55249
880-29350-3	S-1 (1')	Soluble	Solid	300.0	55249
880-29350-4	S-2 (0-3")	Soluble	Solid	300.0	55249
880-29350-5	S-2 (6")	Soluble	Solid	300.0	55249
880-29350-6	S-2 (1')	Soluble	Solid	300.0	55249
880-29350-7	S-3 (0-3")	Soluble	Solid	300.0	55249

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Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

HPLC/IC (Continued)

Analysis Batch: 55259 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-29350-8	S-3 (6")	Soluble	Solid	300.0	55249
880-29350-9	S-3 (1')	Soluble	Solid	300.0	55249
880-29350-10	S-4 (0-3")	Soluble	Solid	300.0	55249
MB 880-55249/1-A	Method Blank	Soluble	Solid	300.0	55249
LCS 880-55249/2-A	Lab Control Sample	Soluble	Solid	300.0	55249
LCSD 880-55249/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	55249
880-29350-1 MS	S-1 (0-3")	Soluble	Solid	300.0	55249
880-29350-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	55249

Analysis Batch: 55260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
880-29350-11	S-4 (6")	Soluble	Solid	300.0	55250	
880-29350-12	S-4 (1')	Soluble	Solid	300.0	55250	
880-29350-13	S-5 (0-3")	Soluble	Solid	300.0	55250	
880-29350-14	S-5 (6")	Soluble	Solid	300.0	55250	
880-29350-15	S-5 (1')	Soluble	Solid	300.0	55250	
MB 880-55250/1-A	Method Blank	Soluble	Solid	300.0	55250	
LCS 880-55250/2-A	Lab Control Sample	Soluble	Solid	300.0	55250	
LCSD 880-55250/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	55250	
880-29350-11 MS	S-4 (6")	Soluble	Solid	300.0	55250	
880-29350-11 MSD	S-4 (6")	Soluble	Solid	300.0	55250	

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Job ID: 880-29350-1

SDG: Lea County, New Mexico

Initial

Amount

5.05 g

5 mL

10.03 g

1 uL

5.02 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

55215

55243

55400

55330

55185

55229

55249

55259

Number

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-1 Matrix: Solid

Analyst

EL

AJ

AJ

AJ

A.I

AJ

ĸs

СН

Lab

EET MID

Matrix: Solid

Prepared

or Analyzed

06/10/23 15:04

06/12/23 23:44

06/13/23 11:41

06/12/23 14:08

06/09/23 17:18

06/12/23 03:54

06/12/23 09:17

06/12/23 15:51

5 9

Lab Sample ID: 880-29350-2 Matrix: Solid

Lab Sample ID: 880-29350-3

Lab Sample ID: 880-29350-4

	3

Client Sample ID: S-1 (6") Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 00:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/12/23 14:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	55185	06/09/23 17:18	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	55229	06/12/23 04:14	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:07	СН	EET MID

Client Sample ID: S-1 (1') Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 00:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/12/23 23:34	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:12	СН	EET MID

Client Sample ID: S-2 (0-3") Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 00:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID

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Matrix: Solid

Run

Dil

1

1

1

5

1

Factor

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			55330	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	55379	06/13/23 09:44	AM	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	55457	06/15/23 06:33	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:28	СН	EET MID

Client Sample ID: S-2 (6") Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 01:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/12/23 23:12	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:33	СН	EET MID

Client Sample ID: S-2 (1')

Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 01:26	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/12/23 23:56	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:39	СН	EET MID

Client Sample ID: S-3 (0-3") Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 01:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	55379	06/13/23 09:45	AM	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	55457	06/15/23 08:21	AJ	EET MID

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Matrix: Solid

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-4 Matrix: Solid

Lab Sample ID: 880-29350-5

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Lab Sample ID: 880-29350-6

Lab Sample ID: 880-29350-7

Matrix: Solid

Matrix: Solid

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-3") Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:44	СН	EET MID

Client Sample ID: S-3 (6") Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 02:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/15/23 12:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55379	06/13/23 09:44	AM	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	55457	06/15/23 07:08	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 16:50	СН	EET MID

Client Sample ID: S-3 (1') Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Batch Dil Final Batch Initial Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.99 g 5 mL 55215 06/10/23 15:04 EL EET MID Total/NA 8021B 5 mL 5 mL 06/13/23 02:28 EET MID Analysis 1 55243 AJ Total/NA Analysis Total BTEX 55400 06/13/23 11:41 AJ EET MID 1 Total/NA Analysis 8015 NM 1 55330 06/13/23 12:11 AJ EET MID 06/11/23 11:59 Total/NA Prep 8015NM Prep 10.02 g 10 mL 55232 AM EET MID Total/NA Analysis EET MID 8015B NM 1 1 uL 1 uL 55238 06/13/23 00:17 AJ Soluble Leach DI Leach 4.98 g 50 mL 55249 06/12/23 09:17 KS EET MID Soluble Analysis 300.0 1 55259 06/12/23 16:56 СН EET MID

Client Sample ID: S-4 (0-3") Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Lab Sample ID: 880-29350-10 Matrix: Solid

Lab Sample ID: 880-29350-9

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	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 02:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/12/23 22:07	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	55249	06/12/23 09:17	KS	EET MID
Soluble	Analysis	300.0		1			55259	06/12/23 17:01	СН	EET MID

Initial

Amount

5.04 g

5 mL

10.03 g

1 uL

4.96 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

55215

55243

55400

55330

55232

55238

55250

55260

Number

Dil

1

1

1

1

1

Factor

Run

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-29350-11

Analyst

EL

AJ

AJ

AJ

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Prepared

or Analyzed

06/10/23 15:04

06/13/23 04:10

06/13/23 11:41

06/13/23 12:11

06/11/23 11:59

06/13/23 00:39

06/12/23 09:18

06/12/23 17:46

Matrix: Solid

Lab

EET MID

Matrix: Solid

Lab Sample ID: 880-29350-12 Matrix: Solid

Lab Sample ID: 880-29350-13

Lab Sample ID: 880-29350-14

Client Sample ID: S-4 (1') Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 04:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/13/23 06:35	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	55250	06/12/23 09:18	KS	EET MID
Soluble	Analysis	300.0		1			55260	06/12/23 18:03	СН	EET MID

Client Sample ID: S-5 (0-3") Date Collected: 06/08/23 00:00

Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 04:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/13/23 06:59	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	55250	06/12/23 09:18	KS	EET MID
Soluble	Analysis	300.0		1			55260	06/12/23 18:09	СН	EET MID

Client Sample ID: S-5 (6") Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 05:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Client Sample ID: S-5 (6") Date Collected: 06/08/23 00:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/13/23 07:22	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	55250	06/12/23 09:18	KS	EET MID
Soluble	Analysis	300.0		1			55260	06/12/23 18:14	СН	EET MID

Client Sample ID: S-5 (1') Date Collected: 06/08/23 00:00 Date Received: 06/09/23 15:00

Date Received: 06/09/23 15:00

-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	55215	06/10/23 15:04	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55243	06/13/23 05:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55400	06/13/23 11:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55330	06/13/23 12:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55232	06/11/23 11:59	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55238	06/13/23 07:44	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	55250	06/12/23 09:18	KS	EET MID
Soluble	Analysis	300.0		1			55260	06/12/23 18:20	СН	EET MID

Laboratory References:

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

Eurofins Midland

Page 103 of 141

Lab Sample ID: 880-29350-14 Matrix: Solid Lab Sample ID: 880-29350-15 9 Matrix: Solid

Laboratory: Eurofins Midland

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

hority		rogram	Identification Number	Expiration Date			
xas	N	ELAP	T104704400-22-25	06-30-23			
The following analytes	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w			
the agency does not of		Matrix	Analute				
Analysis Method	fer certification. Prep Method	Matrix	Analyte				
0,		Matrix Solid Solid	Analyte Total TPH Total BTEX				

Eurofins Midland

Released to Imaging: 12/5/2023 11:56:30 AM

10

Job ID: 880-29350-1 SDG: Lea County, New Mexico

Method Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23) Job ID: 880-29350-1 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

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

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Sample Summary

Client: Carmona Resources Project/Site: Baseball Cap Federal 25P (06.01.23)

Job ID: 880-29350-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-29350-1	S-1 (0-3")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-2	S-1 (6")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-3	S-1 (1')	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-4	S-2 (0-3")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-5	S-2 (6")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-6	S-2 (1')	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-7	S-3 (0-3")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-8	S-3 (6")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-9	S-3 (1')	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-10	S-4 (0-3")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-11	S-4 (6")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-12	S-4 (1')	Solid	06/08/23 00:00	06/09/23 15:00
380-29350-13	S-5 (0-3")	Solid	06/08/23 00:00	06/09/23 15:00
380-29350-14	S-5 (6")	Solid	06/08/23 00:00	06/09/23 15:00
880-29350-15	S-5 (1')	Solid	06/08/23 00:00	06/09/23 15:00

Received by OCD: 8/22/2023 10:25:35 AM

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Project Manager	{	Moehrir				Bill to (if a	different)		Carm	ona R	esource	s							Wo	rk O	rder	Comm	ents	
Company Name		na Resol				Company	/ Name		<u> </u>							Progr	am U	IST/PS	ат []рр	Р[]row	nfields	RC	Iperfund
Address.	310 W \	Wall St S	Ste 500			Address										State	of Pro	oject:						
City State ZIP	Midland	I, TX 797	701			City Stat	e ZIP									Repor	ting Le	evel II	Leve		⊡ѕт	UST	RRP	Level IV
Phone	432-813	3-6823			Email	mcarmo	na@car	monares	source	es con	<u>n</u>					Delive	rables	S EDE			ADaP	т 🗆	Other	-
Project Name	Bas	eball Ca	p Federal 25	P (06 01 23)	Turn	Around							AN	ALYSIS	REC	UEST						F	reserva	tive Codes
Project Number			2046		Routine	🗸 Rush	1	Pres. Code														None		DI Water H ₂
Project Location		Lea C	ounty, New M	<i>A</i> exico	Due Date	72	Hrs														1	Cool	Cool	MeOH Me
Sampler's Name.			CCM							MRO)												HCL I		HNO ₃ HN
PO#	I			$-\overline{O}$		Auren		2		2 +												H ₂ S0 ₄	H ₂	NaOH Na
SAMPLE RECE	PT	Tem	p Blank.	Yes	Wet Ice	Yes	Ne	Parameters	8	+ DRO + I	0.0											H ₃ PO	HP	
Received Intact:		e		Thermometer ID)	TI	æ	ran	BTEX 8021B	+ o	Chloride 300												J₄ NABI	s
Cooler Custody Seal	s.	Yes	NO (N/A)	Correction Facto	or.		30	Ъ	ХЩ	GR	orid											1	O3 NaS	
Sample Custody Sea	ls	Yes	No NA	Temperature Re	ading		2.4		8	5M (- E												etate+Na	-
Total Containers				Corrected Temp	erature	-2	<u> </u>			TPH 8015M (GRO											1	NaOH	+Ascorbi	c Acid SAPC
Sample Ider	ntification	ı	Date	Time	Soil	Water	Grab/ Comp	# of Cont		HdT													Sample	Comments
S-1 (0	-3")		6/8/2022		x	1	G	1	X	X	X							-				1	tra	
S-1 (6")		6/8/2022		X		G	1	X	X	X					1		1			1	┼╌┶	400	
S-1 (1')		6/8/2022		X		G	1	X	X	X					+		1	+		1	1		
S-2 (0	-3")		6/8/2022		x		G	1	X	X	X					1	 		łł		+			
S-2 (6")		6/8/2022		x		G	1	X	X	X					+								Marrison
S-2 (1')		6/8/2022		X		G	1	X	X	X													. <u></u>
S-3 (0	-3")		6/8/2022		X		G	1	X	X	X													
S-3 (6")		6/8/2022	I	X		G	1	X	X	X					+								
S-3 (1')		6/8/2022		X		G	1	X	X	X						880	0-293	50 Cha	in of	Cus	tody		
S-4 (0	-3")		6/8/2022		X		G	1	X	X	X				1		T	T	II		I	T		······
Comments Emai	I to Mike			ona@carmona	resources con	n and Co	nner Mc			Time	ıg@ca	rmonare	source	es com		eived		ianatu	rel					Data/Time
Unia	Ň		Mr	NS-			*****	6-	9-		3				Ľ	civeur								Date/Time

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6/15/2023

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Project Manager	Conn	er Moehr	ing			Bill to (if	different)		Carm	ona Re	source	5								Wo	ork O	rder C	omments	2 of		
Company Name	Carm	iona Reso	ources			Compan	y Name		1							٦	Progr	am U	ST/PS				ields []tR	Ciperfu		
Address	310 V	V Wall St	Ste 500			Address			1						••••••••••			of Pro		· [] ·		Jiowiii		C []penu		
City State ZIP	Midla	nd, TX 79	0701			City Sta	te ZIP		1							1				ΠLeve	el III	⊡ st/∪	ST DRF	P Level I		
^p hone [.]	432-8	313-6823			Email	mcarmo	ona@car	monares	source	es con	1						Deliverables, EDD ADa									
^o roject Name	В	aseball C	ap Federal 25	P (06 01.23)	Turr	1 Around		T	Ι						YSIS R	FOI	IEST					T	Preservative Codes			
^o roject Number			2046		Routine	🗸 Rush		Pres. Code	1				T									г . – † .				
Project Location		Lea (County, New N	Aexico	Due Date	72	Hrs						1							+			lone NO	DI Water		
Sampler's Name			ССМ							MRO)												1 1	Cool Cool ICL HC	MeOH M		
PO #	<u> </u>			-				5		+												1 1	12S04 H2	HNO₃ H NaOH N		
SAMPLE RECE	IPT	Ter	np Blank	Yes No	Wet Ice	Yes	No	arameters	В	(GRO + DRO	00												I₃PO₄ HP	nuon n		
Received Intact:		Ye	es No	Thermometer ID							802	+ 0	e 30											1 1	laHSO₄ NA	RIS
Cooler Custody Seal			No N/A	Correction Facto	or:] &	BTEX 8021B	GR	Chloride 300 0												Va2S-O3 Na	
Sample Custody Sea	als	Yes	No N/A	Temperature Re	and the second se				'n	8015M (ч											1 1	n Acetate+			
otal Containers	l			Corrected Temp	erature	1		4		801												r	laOH+Ascc	rbic Acid SAP		
Sample Ide		on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		НЧТ													Samp	le Comment		
S-4 (6")		6/8/2022		Х		G	1	X	Х	Х	· · · · · · · · · · · · · · · · · · ·	1		†											
S-4 ((1')		6/8/2022		Х		G	1	X	Х	Х		1													
S-5 (0	-3")		6/8/2022		X		G	1	X	Х	Х		1													
S-5 (6")		6/8/2022		X		G	1	X	Х	Х									<u> </u>			Loc:	.		
S-5 ([1')		6/8/2022		X		G	1	X	Х	Х									┼──┤			-			
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Email to Mike Carmona / Mcarmona@carmonaresources com and Conner Moehring / Cmoehring@carmonaresources com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Ar and the	6-9-23	UNE	
Mama May	1500		

Released to Imaging: 12/5/2023 11:56:30 AM

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14

Job Number: 880-29350-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 29350 List Number: 1 Creator: Rodriguez, Leticia

<6mm (1/4").

Question Answer Comment The cooler's custody seal, if present, is intact. N/A N/A Sample custody seals, if present, are intact. The cooler or samples do not appear to have been compromised or True tampered with. Samples were received on ice. True True Cooler Temperature is acceptable. 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 True HTs) 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 True MS/MSDs

N/A

Eurofins Midland Released to Imaging: 12/5/2023 11:56:30 AM

Containers requiring zero headspace have no headspace or bubble is



August 09, 2023

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

RE: BASEBALL CAP FEDERAL 25P (06.01.23)

Enclosed are the results of analyses for samples received by the laboratory on 08/08/23 8:35.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 1 (1.0') (H234199-01)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 2 (1.0') (H234199-02)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 3 (1.0') (H234199-03)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	18.1	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	70.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 4 (1.0') (H234199-04)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 5 (1.0') (H234199-05)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	109 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 6 (1.5') (H234199-06)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 7 (1.5') (H234199-07)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 8 (1.5') (H234199-08)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 9 (1.5') (H234199-09)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	nalyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 10 (1.5') (H234199-10)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/08/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 11 (1.5') (H234199-11)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 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	32.0	16.0	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	62.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.1	% 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 12 (0.5') (H234199-12)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	64.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 13 (0.5') (H234199-13)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 14 (0.5') (H234199-14)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	67.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 15 (0.5') (H234199-15)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 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	08/08/2023	ND	416	104	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	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	64.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 1 (1.0') (H234199-16)

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	08/08/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 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	96.0	16.0	08/08/2023	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	08/08/2023	ND	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	68.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 2 (1.0') (H234199-17)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 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	08/08/2023	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	08/08/2023	ND	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 3 (1.0') (H234199-18)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 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	08/08/2023	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	08/08/2023	ND	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	62.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.2	% 49.1-14	8						

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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 4 (1.0') (H234199-19)

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	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/08/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 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	08/08/2023	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	08/08/2023	ND	157	78.7	200	4.11	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 5 (0.5) (H234199-20)

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	08/09/2023	ND	2.18	109	2.00	0.499	
Toluene*	<0.050	0.050	08/09/2023	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	08/09/2023	ND	1.99	99.5	2.00	1.24	
Total Xylenes*	<0.150	0.150	08/09/2023	ND	5.96	99.3	6.00	1.55	
Total BTEX	<0.300	0.300	08/09/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 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	08/08/2023	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	08/09/2023	ND	157	78.7	200	4.11	
DRO >C10-C28*	11.8	10.0	08/09/2023	ND	148	74.0	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	08/09/2023	ND					
Surrogate: 1-Chlorooctane	60.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 6 (1.5) (H234199-21)

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	2.05	102	2.00	1.14	
Toluene*	<0.050	0.050	08/08/2023	ND	1.97	98.3	2.00	0.587	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.6	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.90	98.3	6.00	0.905	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	08/08/2023	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	08/08/2023	ND	168	84.2	200	0.120	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	177	88.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 7 (1.5) (H234199-22)

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	08/08/2023	ND	2.05	102	2.00	1.14	
Toluene*	<0.050	0.050	08/08/2023	ND	1.97	98.3	2.00	0.587	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.6	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.90	98.3	6.00	0.905	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	32.0	16.0	08/08/2023	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	08/08/2023	ND	168	84.2	200	0.120	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	177	88.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	60.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 8 (1.0) (H234199-23)

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	2.05	102	2.00	1.14	
Toluene*	<0.050	0.050	08/08/2023	ND	1.97	98.3	2.00	0.587	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.6	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.90	98.3	6.00	0.905	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	08/08/2023	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	08/08/2023	ND	168	84.2	200	0.120	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	177	88.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 9 (0.5) (H234199-24)

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	2.05	102	2.00	1.14	
Toluene*	<0.050	0.050	08/08/2023	ND	1.97	98.3	2.00	0.587	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.6	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.90	98.3	6.00	0.905	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	08/08/2023	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	08/08/2023	ND	168	84.2	200	0.120	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	177	88.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 10 (0.5) (H234199-25)

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	2.05	102	2.00	1.14	
Toluene*	<0.050	0.050	08/08/2023	ND	1.97	98.3	2.00	0.587	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.6	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.90	98.3	6.00	0.905	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	32.0	16.0	08/08/2023	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	08/08/2023	ND	168	84.2	200	0.120	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	177	88.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	79.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/08/2023	Sampling Date:	08/08/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	BASEBALL CAP FEDERAL 25P (06.01.23)	Sampling Condition:	Cool & Intact
Project Number:	2046	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 11 (0.5) (H234199-26)

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	08/08/2023	ND	2.05	102	2.00	1.14	
Toluene*	<0.050	0.050	08/08/2023	ND	1.97	98.3	2.00	0.587	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	1.97	98.6	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	5.90	98.3	6.00	0.905	
Total BTEX	<0.300	0.300	08/08/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	08/08/2023	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	08/08/2023	ND	168	84.2	200	0.120	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	177	88.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

BS-	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	
RPE	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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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: <u>H234199</u>

Page 29 of 31

Project Manager:	Conner Moe	hring			Bill to: (if	diffarent)	-	Carm	iona Re	esource	es				1			N	ork C	Order	Comments		
Company Name:	Carmona Re	esources			Compan	y Name:			-						Progr	ram: U	ST/P	ST 🕞	RP	row	nfields 🔲 R	C perfu	
Address:	310 W Wall	St Ste 500			Address:										State	of Pro	ject:						
City, State ZIP:	Midland, TX	79701			City, Stat	te ZIP:									Repor	rting:Le	evel II	Lev	vel III	□st.			
Phone:	432-813-682	23	-	Email:	mcarmo	na@car	monare	source	es.con	1					Delive	erables	EDI			ADaP	т 🗆 о	ther:	
Project Name:	Baseball	Cap Federal 25	P (06.01.23)	Turn	Around							ANA	LYSIS	REQL	JEST						Prese	rvative Code	
Project Number:		2046		Routine	Rush		Pres. Code														None: NO	DI Water	
Project Location	Le	a County, New I	Mexico	Due Date:	24	Hrs															Cool: Cool	MeOH: M	
Sampler's Name:	_	GPJ							RO)												HCL: HC	HNO3: H	
PO #:							2		TPH 8015M (GRO + DRO + MRO)												H2S04: H2	NaOH: N	
SAMPLE RECEI	IPT 1	emp Blank:	Yes No	Wet Ice:	Yes	No	rete	8	DR0	8											H3PO4: HP		
Received Intact:		Yes No	Thermometer II): ·	14	0	Paramete	BTEX 8021B	ŧ	Chloride 4500											NaHSO4: N	ABIS	
Cooler Custody Seals	s: Ye	s No N/A	Correction Fact	OF:	-	-	đ	TEX	GR	loric											Na2S2O3: Na	aSO3	
Sample Custody Sea	ils: Ye	s No (N/A)	Temperature R	eading:	4	t_{qc}			15M	ð											Zn Acetate+	NaOH: Zn	
Total Containers:			Corrected Temp	perature:	-	-			H 80										1		NaOH+Asco	orbic Acid: SAP	
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPI												Samp	le Comment	
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CS-2 (1	1.0')	8/8/2023		X		С	1	X	X	X													
CS-3 (1	1.0')	8/8/2023		X		С	1	X	X	х													
CS-4 (1	1.0')	8/8/2023		X		С	1	X	X	Х													
CS-5 (1	1.0')	8/8/2023		X	1	С	1	X	X	Х													
CS-6 (1	1.5')	8/8/2023		X	-	С	1	X	X	х													
CS-7 (1	1.5')	8/8/2023		X		С	1	X	X	Х													
CS-8 (1	1.5')	8/8/2023		X		С	1	X	X	Х													
CS-9 (1	1.5')	8/8/2023		X		С	1	X	X	х													
CS-10 (1.5')	8/8/2023		×		С	1	X	X	X										-			
CS-8 (1 CS-9 (1	1.5') 1.5') (1.5')	8/8/2023 8/8/2023 8/8/2023	ona@carmona	X X X	and Co	C C C	1 1 1	X X X	X X X	X X X	monare	sources	.com										
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Chain of Custody

Work Order No: <u>H234199</u>

Page 30 of 31

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GPJ Due Date: 24 Hrs Temp Blank: Yes for
Thermometer ID: 1/40 Yes No N/A Temperature Reading: Corrected Temperature: </td><td>2046 D Routine B Ruth Pres.
Code None: NO Lea County, New Mexico Due Date: 24 Hrs </td></thi<></thi<></td></td></td> | 2046 Routine Rush Lea County, New Mexico
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Code None: NO Lea County, New Mexico Due Date: 24 Hrs | | |

Chain of Custody

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		Moehring			Bill to: (if	different)		Carm	iona Re	sources	_		_						Comments	
		a Resources			Compan	y Name:	-	-										row	vnfields RC	perfund
		Vall St Ste 500			Address	:		-							e of Pro	-	-			
		TX 79701		1	City, Sta				_									III 🛛 S		_
Phone:	432-813-	-6823		Ema	il: mcarmo	ona@car	monares	source	es.com				_	Deliv	verables	EDD		ADal	PT Othe	er:
Project Name:	Base	ball Cap Federal	25P (06.01.23)	Tur	n Around							ANAL	YSIS R	EOUEST	r				Preserv	ative Codes
Project Number:		2046		C Routine	🗹 Rush		Pres. Code								1				None: NO	DI Water: H
Project Location	-	Lea County, Ne	w Mexico	Due Date:	24	Hrs													Cool: Cool	MeOH: Me
Sampler's Name:		GPJ					1		RO)										HCL: HC	HNO3: HN
PO #:					_		2		¥ +										H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEIF	т	Temp Blank:	Yes No	Wet Ice:		No	Parameter	8	DRO	200									H ₃ PO ₄ : HP	
Received Intact:		Ves No	Thermometer II	D:		6	aran	BTEX 8021B	¢	Chloride 4500						•			NaHSO4: NAB	
Cooler Custody Seals:		Yes No N/A	Correction Fact		17	Tac	4	STEX	GR	hlori									Na ₂ S ₂ O ₃ : NaS	
Sample Custody Seals	S:	Yes No NA	Temperature R		7	1.92			TPH 8015M (GRO + DRO + MRO)	0									Zn Acetate+Na	
Total Containers:			Corrected Tem	perature:	-		-		D8 He										NaOH+Ascorbic Acid: SAPC	
Sample Ident	ification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		4										Sample	Comments
SW-6 (1		8/8/202	3	Х		С	1	Х	Х	x					1					
SW-7 (1		8/8/202	3	Х		С	1	X	X	х										
SW-8 (1		8/8/202	3	X		С	1	X	X	х										
SW-9 (0		8/8/202	3	X		С	1	X	X	Х										
SW-10 (0		8/8/202	3	Х		С	1	х	X	Х							-			
SW-11 (0	0.5')	8/8/202	3	X		С	1	х	X	Х										
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	_																			
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Comments: Email	to Mike	Carmona / Mcar	mona@carmona	resources.com	m and Co	nner Mo	ehring	Cmo	ehring	@carm	onareso	urces.c	om							
						14														
	1	7	d by: (Signature)			_		Date/		-		_	-	eceived		_	-			
																				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

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	255422
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	12/5/2023

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Action 255422