

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Floofy Cat Offsite PW Spill
Lea County, New Mexico
Incident ID: NAPP2429743979
Unit B Sec 07 T23S R32E
32.324840°, -103.712666°

Produced Water Release
Point of Release: Lay Flat Transfer Line Disconnection
Release Date: 10/22/2024
Volume Released: 319 barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Devon Energy Production Company, LP
333 West Sheridan Ave
Oklahoma City, OK 73102

Prepared by:
Carmona Resources, LLC
310 West Wall Street
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May 15, 2025

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

Re: Closure Report
Floofy Cat Offsite PW Spill
Incident ID: NAPP2429743979
Devon Energy Production Company, LP
Site Location: Unit B, S07, T23S, R32E
(Lat 32.324840°, Long -103.712666°)
Lea County, New Mexico

To whom it may concern:

On behalf of Devon Energy Production Company, LP (Devon), Carmona Resources LLC has prepared this letter to document site activities for the Floofy Cat Offsite PW Spill. The site is located at 32.324840°, -103.712666° within Unit B, S07, T23S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 22, 2024, due to a lay flat water transfer line coming apart at a connection. The incident released three-hundred nineteen (319) barrels of produced water out in the pasture and a portion of the lease road, with zero (0) barrels recovered. Refer to Figure 3. The Notification of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.02 miles Southeast of the site in S08, T23S, R32E, and was drilled in 2024. The groundwater determination bore indicated no signs of water at a depth of 55 feet below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On January 23, 2025, Carmona Resources installed a groundwater determination bore located approximately 0.27 miles Northeast of the release area in S07, T23S, R32E. The bore indicated no signs of water at a depth of 55' bgs when it was gauged on January 27, 2025. A copy of the groundwater determination bore log 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.

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

4.0 Site Assessment Activities

On October 30, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) sample points (S-1 through S-6) and six (6) horizontal samples (H-1 through H-6) were advanced to depths ranging from the surface to 5' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. 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 D.

5.0 Excavation Activities

Carmona Resources personnel were onsite to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD portal on April 17, 2025, per Subsection D of 19.15.29.12 NMAC. See NMOCD correspondence in Appendix C. A total of one hundred eight (108) confirmation floor samples (CS-1 through CS-108) and thirty-seven (37) sidewall samples (SW-1 through SW-37) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A through 4D.

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

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. A composite backfill sample was collected at the Silvio Cervantes Pit and analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of the laboratory analysis and chain-of-custody documentation are included in Appendix E.

On May 5, 2025, the backfilled areas in the pasture were seeded via tractor drill seed with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the



vegetation process. The seed mixture used was BLM Seed Mix #2. See Appendix F for the soil survey and map and Figure 5 for the reclamation area.

Approximately 2,769 cubic yards of material were excavated and transported offsite for proper disposal, resulting in approximately 21,238 square feet of remediated area. Approximately 19,400 square feet of remediated area was reclaimed. The only area that was not reclaimed was the affected portion of the active lease road. A variance to total site reclamation will be requested below due to an active lease road running through the middle of this site.

7.0 Conclusions and Variances

A variance to NMAC 19.15.29.13.D is being requested for the area of the lease road that is within the remediation area. With the exception of the lease road, all other areas no longer in use have been reclaimed and reseeded accordingly. There are no plans in the foreseeable future to deconstruct that lease road as it is still active and being utilized by numerous operators in the area. Additionally, with the use of the groundwater and karst data (found in Appendix D) as well as the confirmation floor and sidewall sample analysis from the area of the lease road, Carmona Resources and Devon Energy believe they have provided equal or better protection of fresh water, human health and the environment, in the restoration and reclamation of this site.

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

Sincerely,
Carmona Resources, LLC

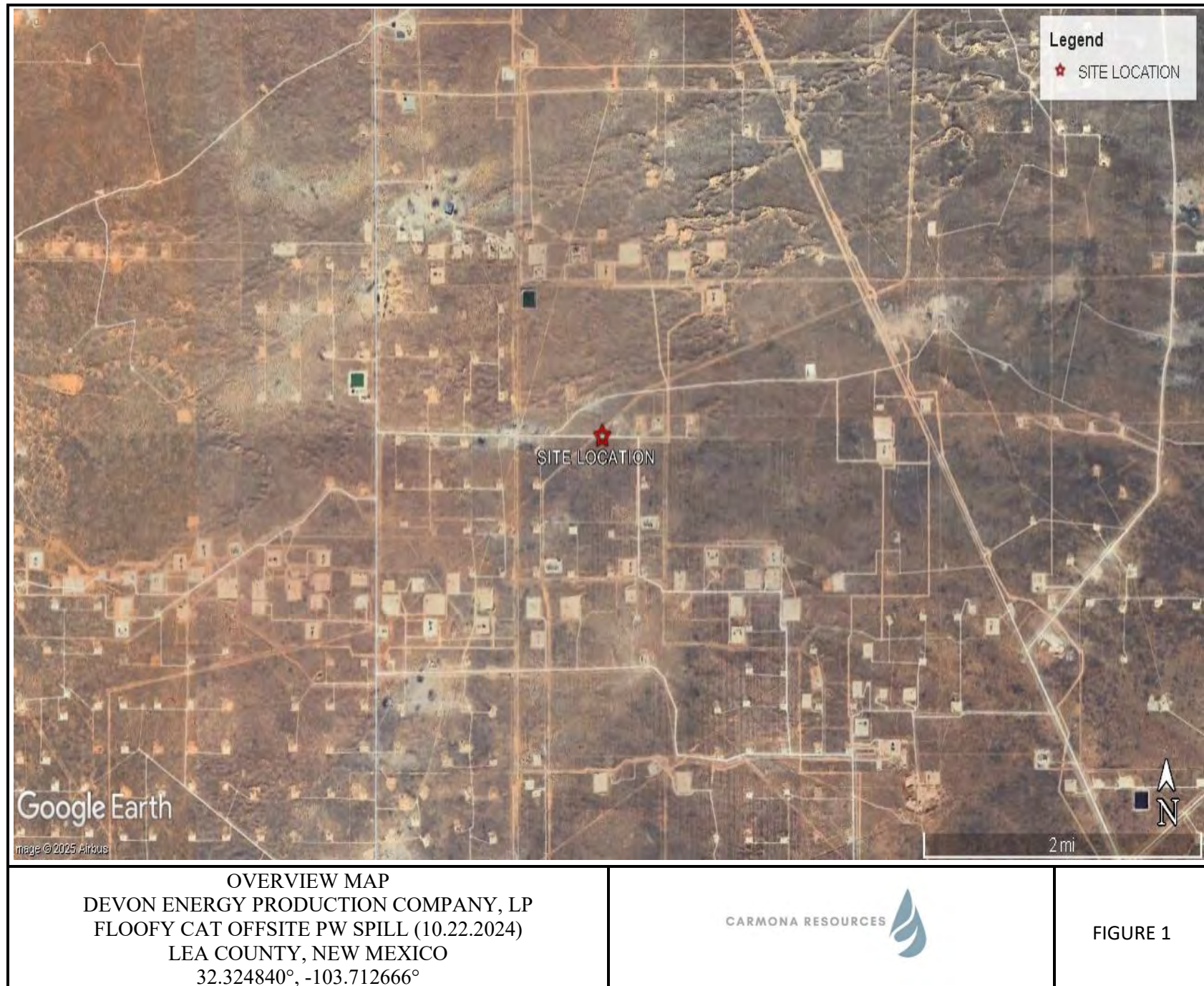
Conner Moehring
Environmental Manager

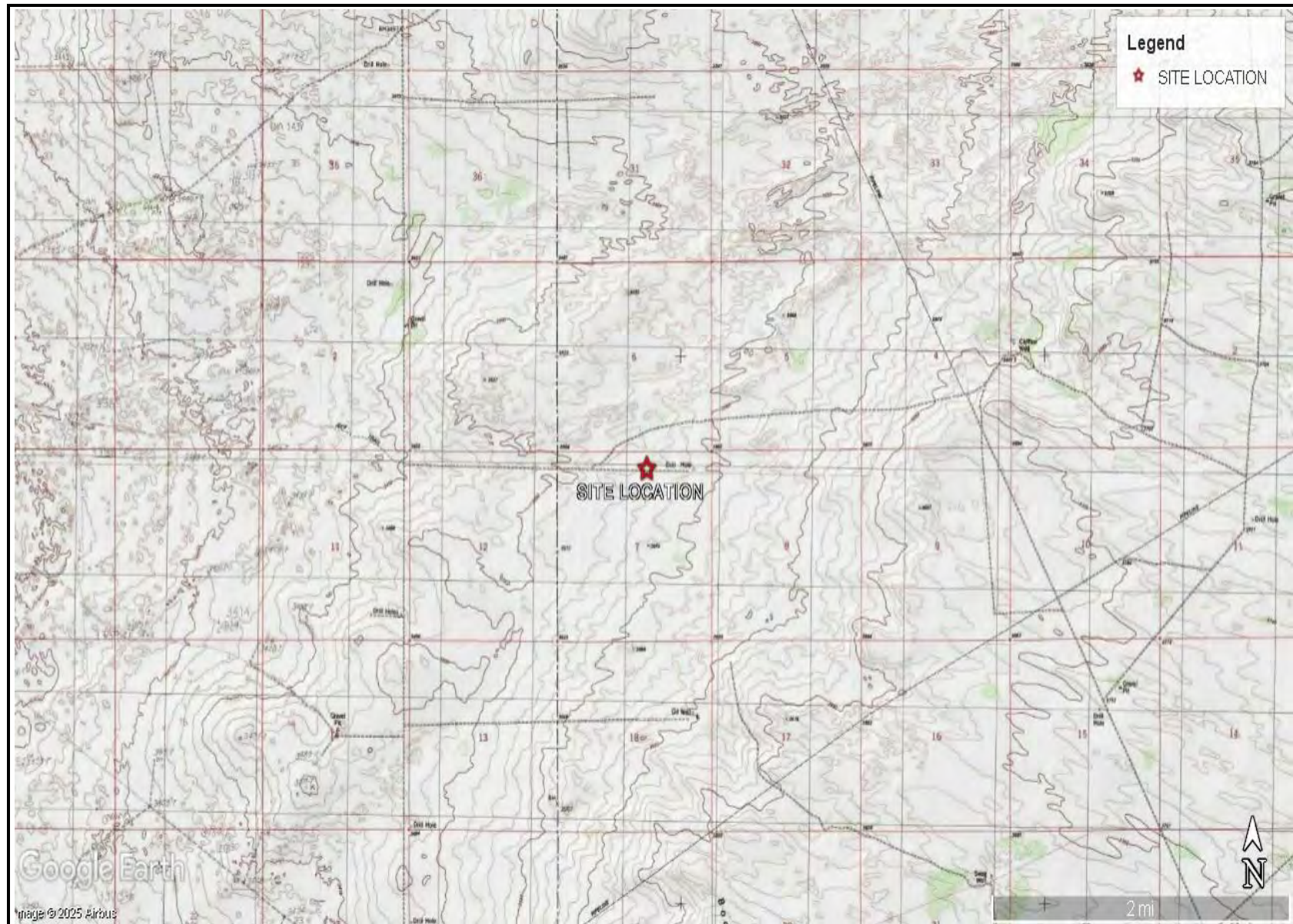
Ivan Ramos
Project Manager

FIGURES

CARMONA RESOURCES



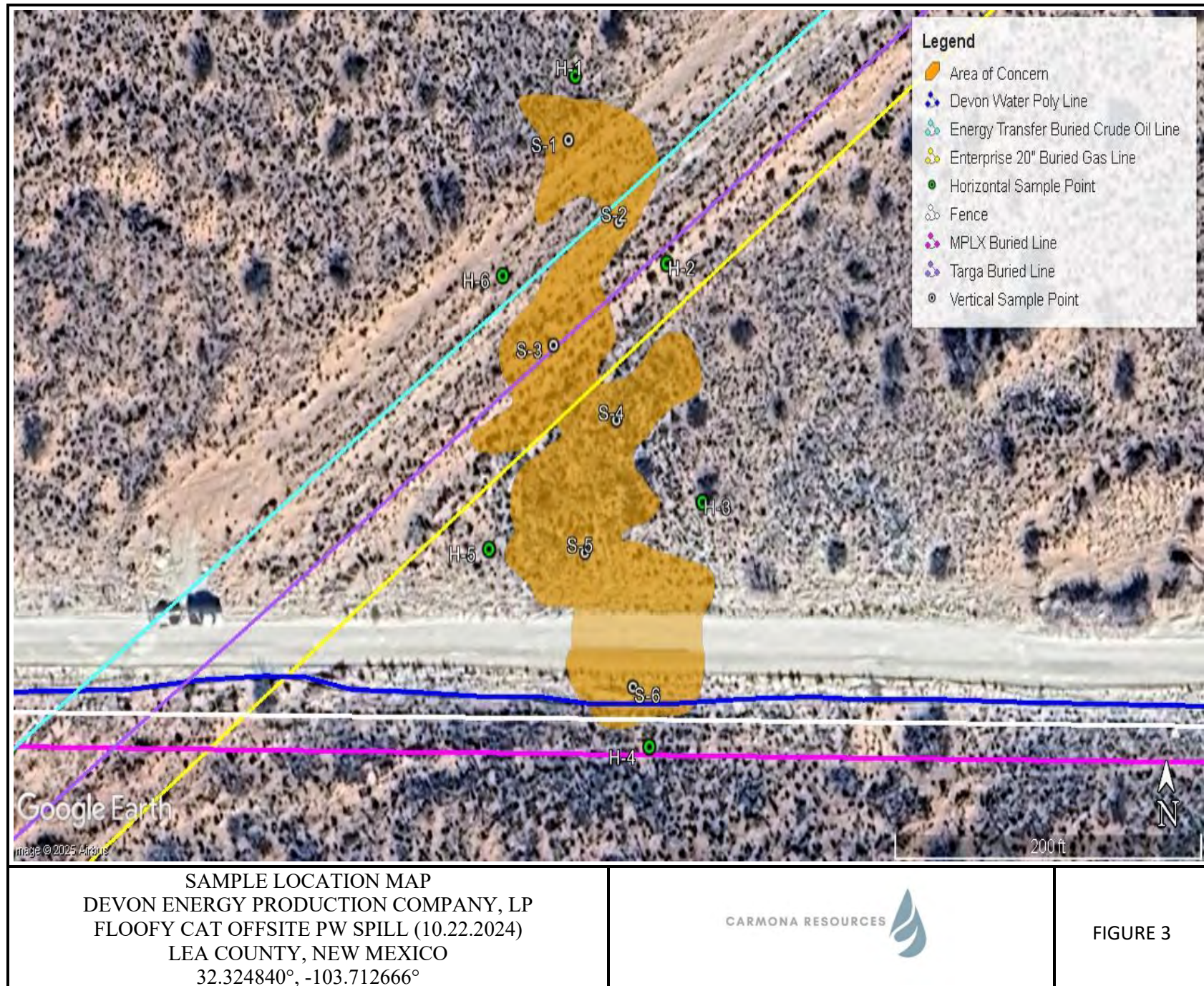


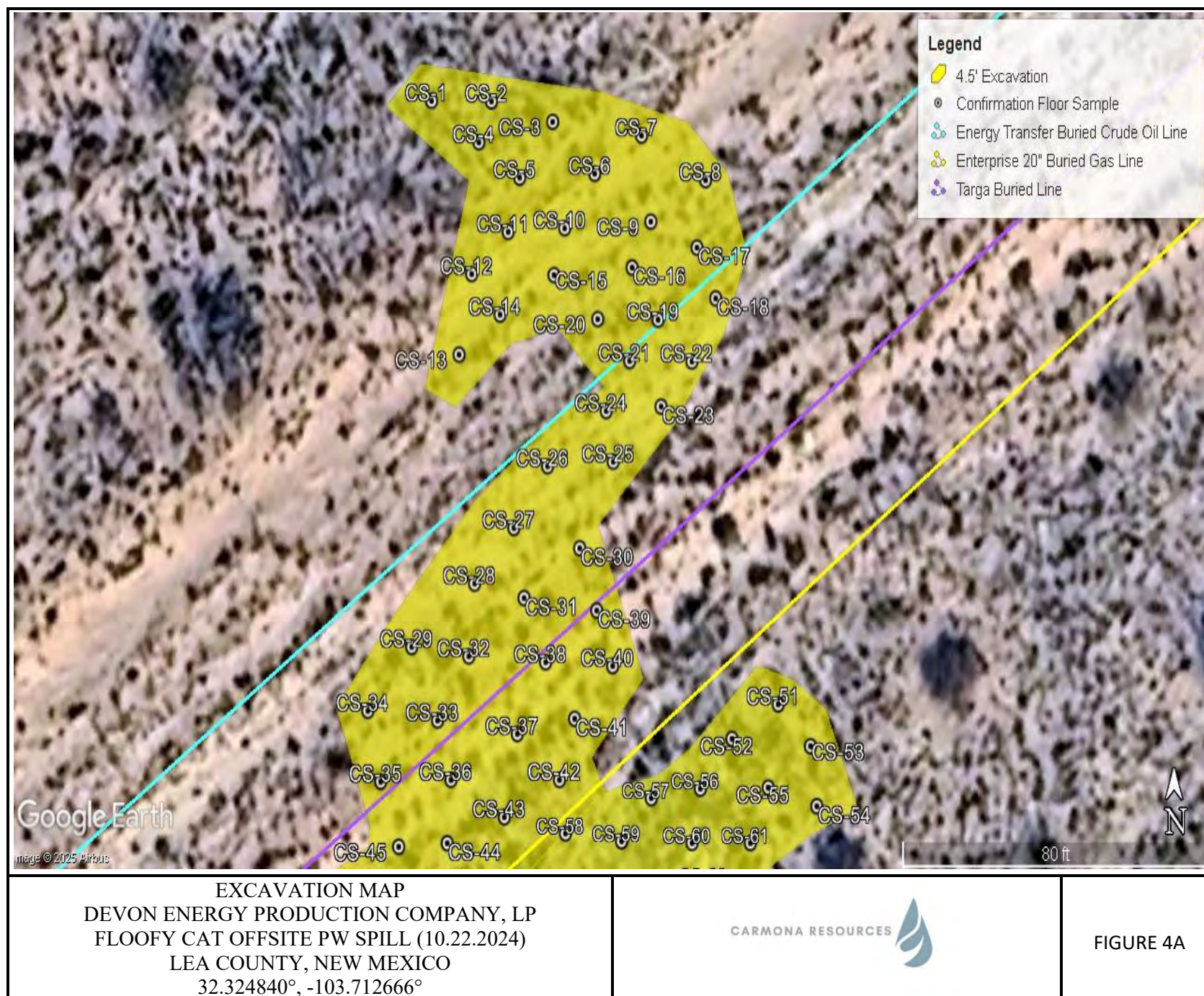


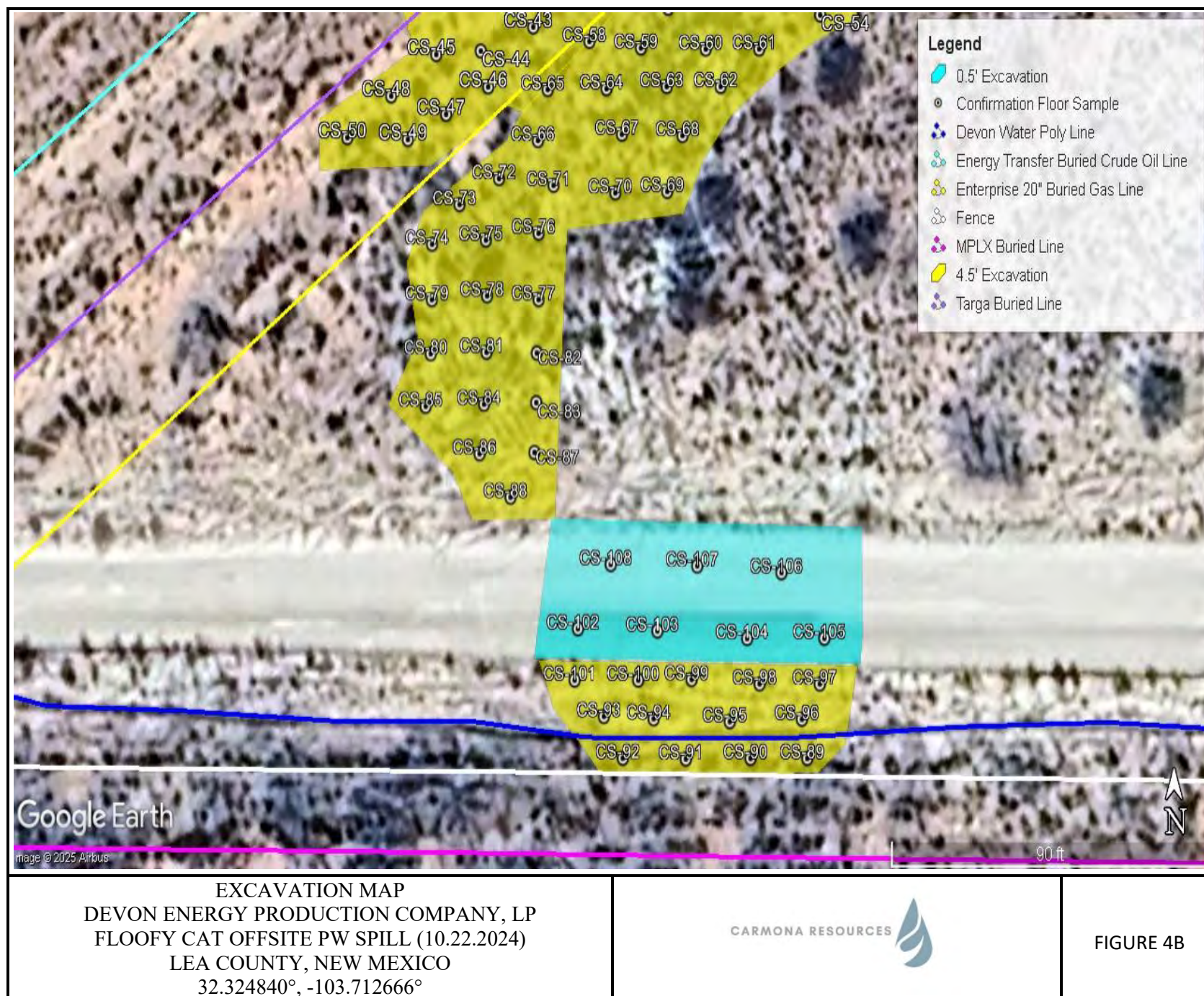
TOPOGRAPHIC MAP
DEVON ENERGY PRODUCTION COMPANY, LP
FLOOFY CAT OFFSITE PW SPILL (10.22.2024)
LEA COUNTY, NEW MEXICO
32.324840°, -103.712666°

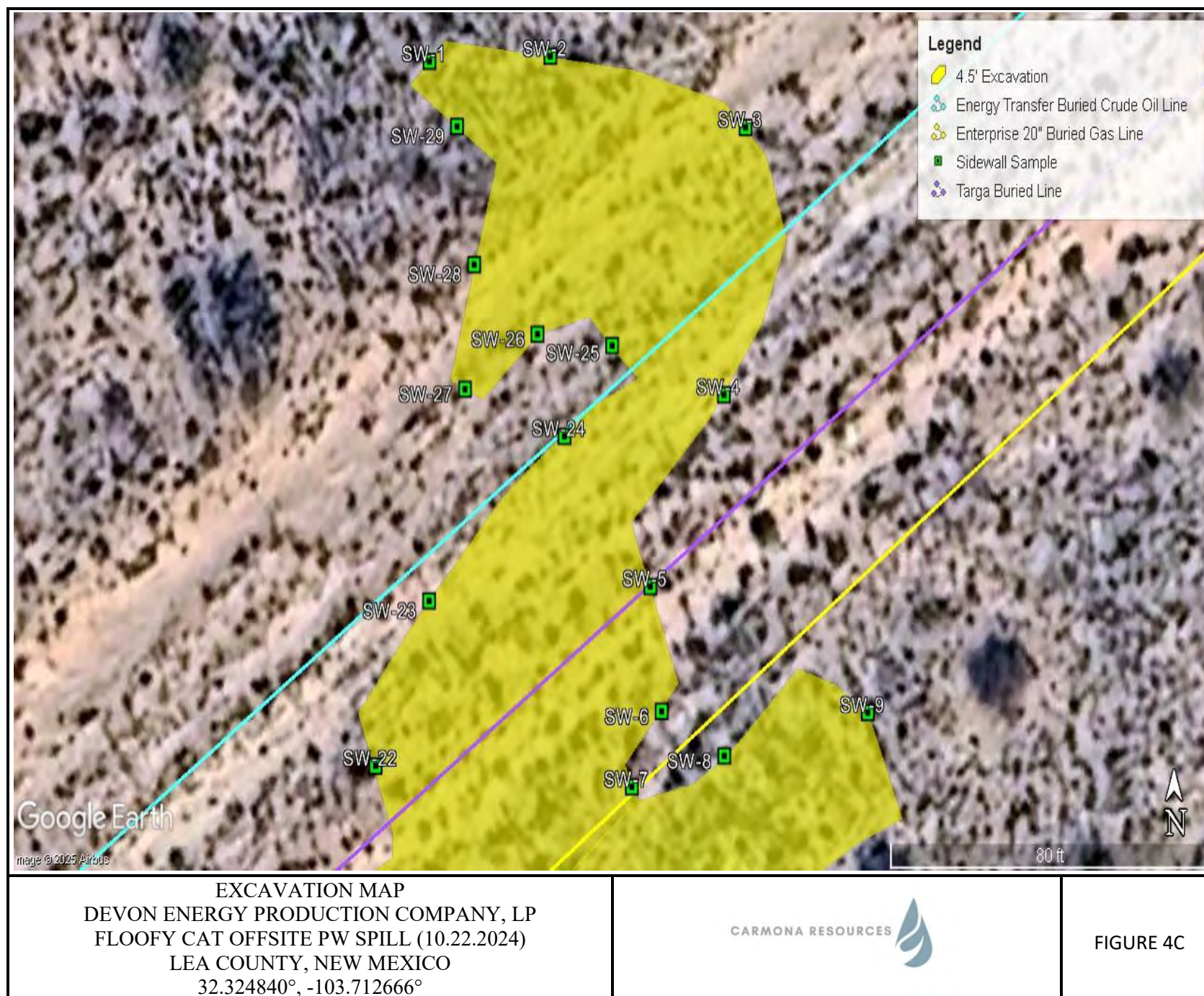


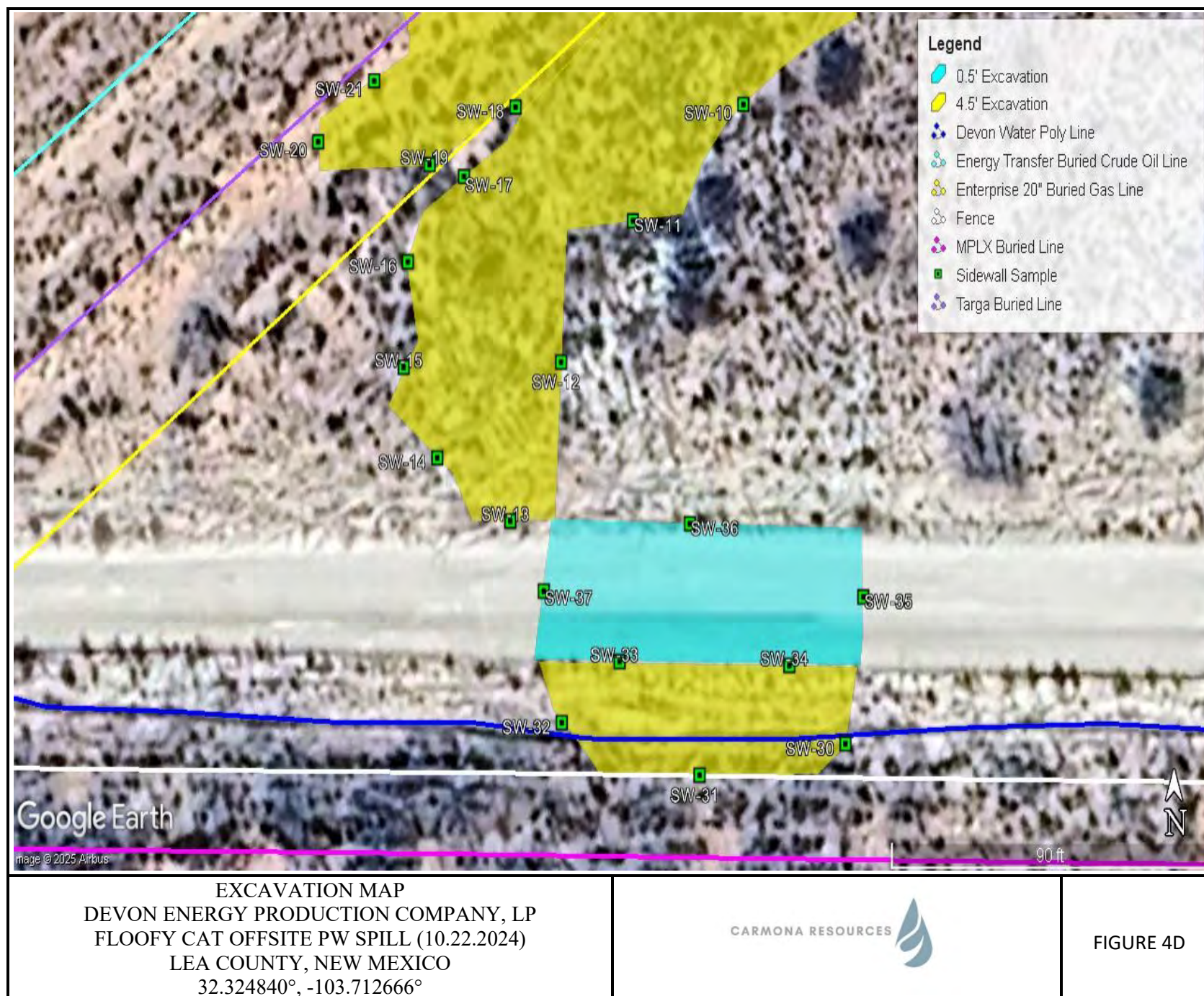
FIGURE 2

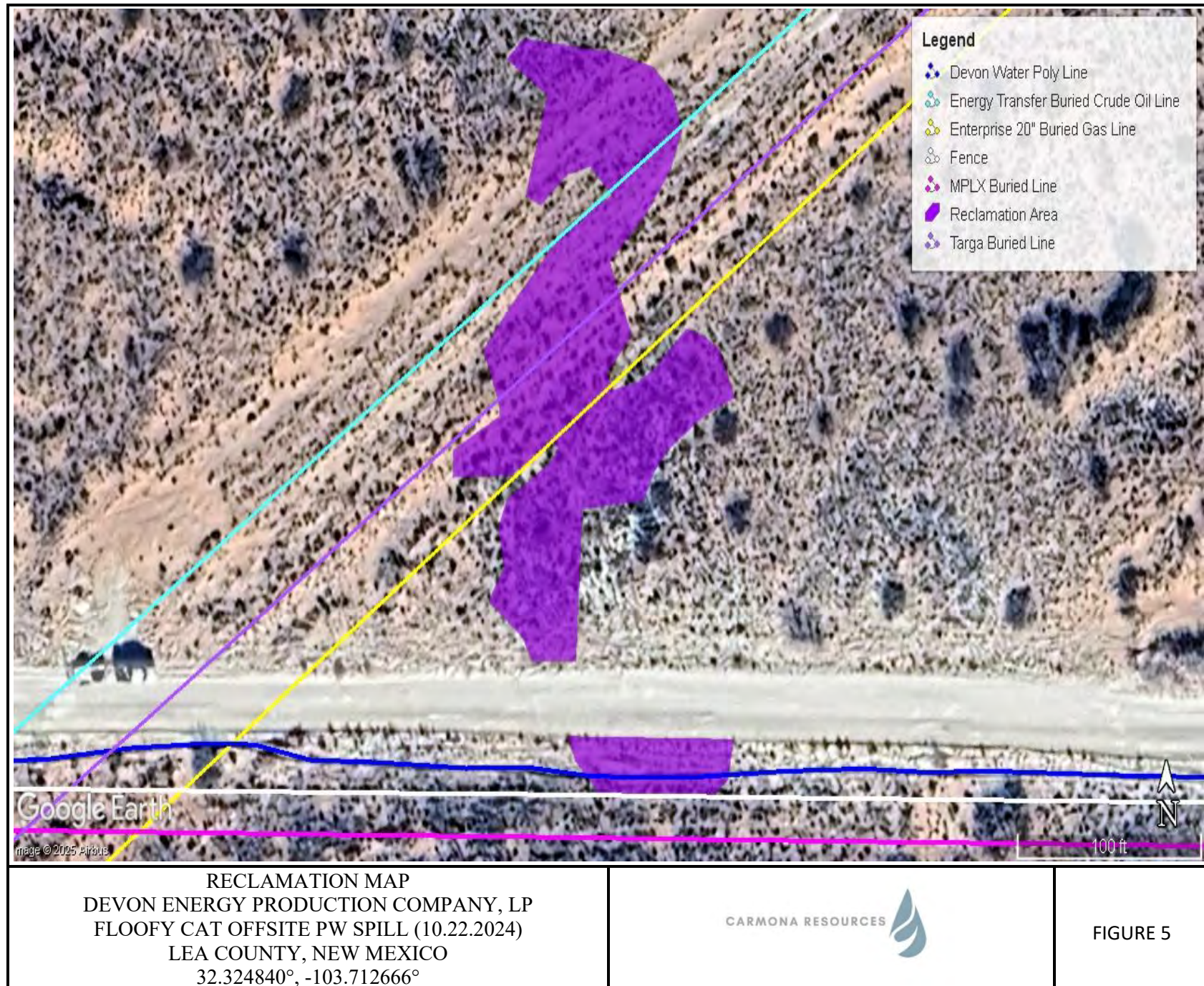












APPENDIX A

CARMONA RESOURCES



Table 1
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	10/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,440
	"	1.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,790
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,860
Dense Geologic Layer												
S-2	10/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,490
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00204	<0.00204	<0.00204	<0.00407	<0.00407	963
	"	2'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	795
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,150
	"	4'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	914
"	5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,570	
S-3	10/30/2024	0-1'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,020
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,100
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,780
	"	3'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,120
	"	4'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,580
"	5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,150	
S-4	10/30/2024	0-1'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,430
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	926
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	873
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,790
	"	4'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,330
S-5	10/30/2024	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	60.6
	"	1.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.2
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	54.3
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.0
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00204	<0.00204	<0.00204	<0.00407	<0.00407	57.7
	"	5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	54.1
S-6	10/30/2024	0-1'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,400
	"	1.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,140
	"	2'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	812
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,450
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00200	0.00577	0.00743	0.0122	0.0254	1,240
"	5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,660	
H-1	10/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	74.4
H-2	10/30/2024	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	54.1
H-3	10/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	69.7
H-4	10/30/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	44.0
H-5	10/30/2024	0-1'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	74.7
H-6	10/30/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.9
Regulatory Criteria ^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

(H) Horizontal Point

Removed

Table 2
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	0.00462	<0.00200	<0.00200	<0.00399	0.00462	104
CS-2	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	0.00228	<0.00200	<0.00401	<0.00401	91.1
CS-3	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	0.00255	<0.00199	<0.00398	<0.00398	98.3
CS-4	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	99.1
CS-5	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	75.2
CS-6	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	0.00258	<0.00201	<0.00402	0.00603	81.3
CS-7	4/21/2025	4.5'	<50.4	<50.4	<50.4	<50.4	0.00200	<0.00200	<0.00200	<0.00401	0.00474	86.6
CS-8	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	86.3
CS-9	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	0.00310	<0.00198	<0.00396	0.00618	240
CS-10	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	0.00226	<0.00398	<0.00398	335
CS-11	4/21/2025	4.5'	<49.6	<49.6	<49.6	<49.6	0.00215	0.00260	<0.00200	<0.00399	0.00797	90.7
CS-12	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	241
CS-13	4/21/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	249
CS-14	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	0.00486	<0.00199	<0.00199	<0.00398	0.00486	94.7
CS-15	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00466	<0.00399	0.00466	90.7
CS-16	4/21/2025	4.5'	<49.6	<49.6	<49.6	<49.6	0.00436	<0.00202	<0.00202	<0.00404	0.00436	95.2
CS-17	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	0.00262	<0.00399	0.00496	84.0
CS-18	4/21/2025	4.5'	<50.3	<50.3	<50.3	<50.3	0.00211	<0.00199	<0.00199	<0.00398	<0.00398	91.0
CS-19	4/21/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	90.7
CS-20	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	112
CS-21	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	136
CS-22	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	152
CS-23	4/21/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	162
CS-24	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	112
CS-25	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	129
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	94.3
CS-27	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	90.0
CS-28	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
CS-29	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	223
CS-30	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	178
CS-31	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	189
CS-32	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	163
CS-33	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	125
CS-34	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	122
CS-35	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	122
CS-36	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	105
CS-37	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	139
CS-38	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.1
CS-39	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
CS-40	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	136
CS-41	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	194
CS-42	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	136
CS-43	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	152
CS-44	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	216
CS-45	4/21/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	220
CS-46	4/21/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	216
CS-47	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	344
CS-48	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	85.1
CS-49	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	246
CS-50	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	218
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-51	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	143
CS-52	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	133
CS-53	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	125
CS-54	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	130
CS-55	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	200
CS-56	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	237
CS-57	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	226
CS-58	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	249
CS-59	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	259
CS-60	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	96.4
CS-61	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	103
CS-62	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.8
CS-63	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	94.4
CS-64	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	191
CS-65	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	170
CS-66	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	206
CS-67	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	206
CS-68	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	198
CS-69	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	91.5
CS-70	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	249
CS-71	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	108
CS-72	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116
CS-73	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	127
CS-74	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	110
CS-75	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00430	<0.00200	<0.00399	0.00430	132
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-76	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	0.00405	<0.00401	0.00405	141
CS-77	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
CS-78	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	0.00683	<0.00398	0.00683	139
CS-79	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	136
CS-80	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	116
CS-81	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	140
CS-82	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	0.00264	<0.00398	<0.00398	124
CS-83	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	0.00273	0.00236	<0.00198	<0.00396	0.00509	118
CS-84	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	0.00410	0.00410	123
CS-85	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	0.00260	<0.00399	<0.00399	134
CS-86	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	0.00249	<0.00200	<0.00200	<0.00401	<0.00401	125
CS-87	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00214	<0.00199	<0.00398	<0.00398	113
CS-88	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	145
CS-89	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	0.00219	<0.00200	<0.00200	<0.00399	<0.00399	104
CS-90	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	105
CS-91	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	111
CS-92	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00244	<0.00199	<0.00398	<0.00398	115
CS-93	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	137
CS-94	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	0.00273	<0.00400	<0.00400	270
CS-95	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	286
CS-96	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00495	0.00360	<0.00401	0.00855	258
CS-97	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	285
CS-98	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	0.00377	<0.00398	<0.00398	272
CS-99	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	0.00233	<0.00399	<0.00399	258
CS-100	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	274
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-101	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	0.00364	<0.00200	<0.00200	<0.00401	<0.00401	74.0
CS-102	4/22/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.2
CS-103	4/22/2025	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	0.00207	<0.00396	0.00448	73.6
CS-104	4/22/2025	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	0.00261	<0.00398	<0.00398	88.9
CS-105	4/22/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	0.00337	<0.00399	0.00613	96.7
CS-106	4/22/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	81.1
CS-107	4/22/2025	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	86.8
CS-108	4/22/2025	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	0.00227	0.00419	0.00646	84.8
SW-1	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	170
SW-2	4/21/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	170
SW-3	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	132
SW-4	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	147
SW-5	4/21/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	210
SW-6	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	214
SW-7	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	245
SW-8	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	284
SW-9	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	292
SW-10	4/21/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	271
SW-11	4/21/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	263
SW-12	4/21/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	269
SW-13	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	259
SW-14	4/21/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	312
SW-15	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	91.3
SW-16	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	0.00394	0.00272	<0.00202	<0.00404	0.00666	109
SW-17	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	101
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

(SW) Sidewall Sample

Table 2
Elevate Energy
Floofy Cat Offsite PW Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-18	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	115
SW-19	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00285	<0.00200	<0.00400	<0.00400	184
SW-20	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	0.00208	<0.00400	<0.00400	124
SW-21	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00361	<0.00200	<0.00399	<0.00399	121
SW-22	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	139
SW-23	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00226	<0.00199	<0.00398	0.00452	103
SW-24	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00292	0.00420	<0.00398	0.00712	247
SW-25	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	274
SW-26	4/22/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	308
SW-27	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	0.00230	<0.00200	<0.00401	0.00434	295
SW-28	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	0.00244	<0.00398	<0.00398	324
SW-29	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	246
SW-30	4/22/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	0.00409	0.00409	203
SW-31	4/22/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00225	<0.00200	<0.00399	0.00529	187
SW-32	4/22/2025	4.5'	<49.8	<49.8	<49.8	<49.8	0.00219	<0.00200	<0.00200	<0.00401	<0.00401	209
SW-33	4/22/2025	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	0.00208	<0.00398	<0.00398	228
SW-34	4/22/2025	4.0'	<49.7	<49.7	<49.7	<49.7	0.00202	<0.00199	<0.00199	<0.00398	0.00599	90.1
SW-35	4/22/2025	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	0.00560	0.00479	0.0104	83.7
SW-36	4/22/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	94.9
SW-37	4/22/2025	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	0.00744	0.00744	86.7
Silvio Cervantes Caliche Backfill	4/25/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	145
Silvio Cervantes Topsoil Backfill	4/25/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	70.9
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 1

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View West, area of CS-1 through CS-15.



Photograph No. 2

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-16 through CS-25.



Photograph No. 3

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-26 through CS-47.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 4

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-48 through CS-50.



Photograph No. 5

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-51 through CS-56.



Photograph No. 6

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View North, area of CS-57 through CS-61.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 7

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-62 through CS-72.



Photograph No. 8

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-73 through CS-88.



Photograph No. 9

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View West, area of CS-89 through CS-101.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 10

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View East, area of CS-102 through CS-108.



Photograph No. 11

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Southeast of backfilled area.



Photograph No. 12

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View North of backfilled area.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 13

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View North of backfilled area.



Photograph No. 14

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Northeast of backfilled area.



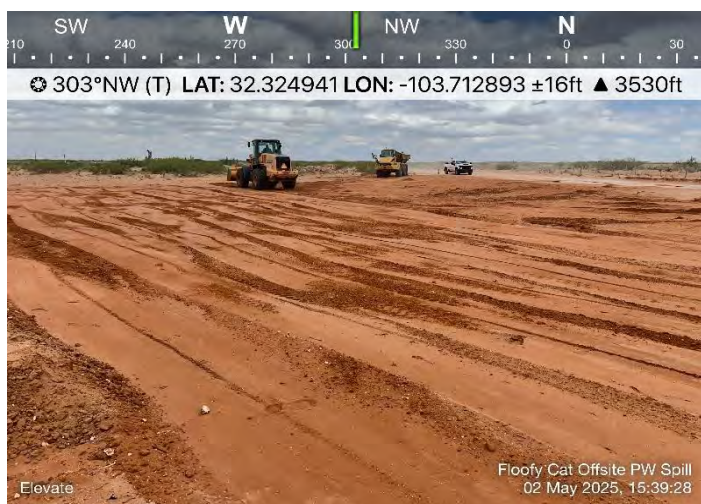
Photograph No. 15

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View Northwest of backfilled area.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 16

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View West of backfilled area.



Photograph No. 17

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View West of backfilled area.



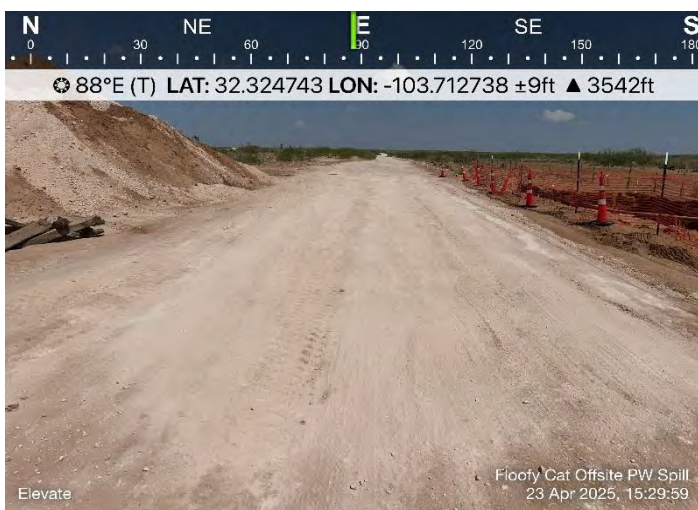
Photograph No. 18

Facility: Floofy Cat Offsite PW Spill

County: Eddy County, New Mexico

Description:

View East of backfilled area.



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 19**Facility:** Floofy Cat Offsite PW Spill**County:** Eddy County, New Mexico**Description:**

View of BLM Seed Mix #2.

**Photograph No. 20****Facility:** Floofy Cat Offsite PW Spill**County:** Eddy County, New Mexico**Description:**

View of tractor reseeding backfilled area.

**Photograph No. 21****Facility:** Floofy Cat Offsite PW Spill**County:** Eddy County, New Mexico**Description:**

View of tractor reseeding backfilled area.



APPENDIX C

CARMONA RESOURCES



District I
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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 395127

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395127
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Floofy Cat Offsite PW Spill
Date Release Discovered	10/22/2024
Surface Owner	Federal

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 319 BBL Recovered: 0 BBL Lost: 319 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 395127

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395127
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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ACKNOWLEDGMENTS

Action 395127

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395127
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	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.
☒	I acknowledge the fact that 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.
☒	I acknowledge the fact that, 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.

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CONDITIONS

Action 395127

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395127
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jraleay	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/23/2024

Spill Volume(Bbls) CalculatorInputs in *blue*, Outputs in *red**Contaminated Soil measurement*

Area (square feet)	Depth(inches)
<u>5928</u>	<u>2.000</u>
Cubic Feet of Soil Impacted	<u>988.000</u>
Barrels of Soil Impacted	<u>176.11</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>8.47</u>
Saturation	Fluid present when squeezed
Estimated Barrels of Oil Released	4.23

Free Standing Fluid Only

Area (square feet)	Depth(inches)
<u>5929</u>	<u>2.000</u>
	<u>176.144</u>
Total fluids spilled	<u>184.611</u>

**Spill Volume(Bbls) Calculator**Inputs in *blue*, Outputs in *red**Contaminated Soil measurement*

Area (square feet)	Depth(inches)
<u>4223</u>	<u>2.000</u>
Cubic Feet of Soil Impacted	<u>703.833</u>
Barrels of Soil Impacted	<u>125.46</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>8.47</u>
Saturation	Fluid present when squeezed
Estimated Barrels of Oil Released	4.23

Free Standing Fluid Only

Area (square feet)	Depth(inches)
<u>4223</u>	<u>2.000</u>
	<u>125.460</u>
Total fluids spilled	<u>133.928</u>

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QUESTIONS

Action 395422

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395422
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429743979
Incident Name	NAPP2429743979 FLOOFY CAT OFFSITE PW SPILL @ 30-025-50042
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-50042] FLOOFY CAT 21 16 FED STATE COM #124H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Floofy Cat Offsite PW Spill
Date Release Discovered	10/22/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 319 BBL Recovered: 0 BBL Lost: 319 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 395422

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395422
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmn.com Date: 10/24/2024

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QUESTIONS, Page 3

Action 395422

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395422
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Action 395422

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395422
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	10/24/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 453078

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453078
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429743979
Incident Name	NAPP2429743979 FLOOFY CAT OFFSITE PW SPILL @ 30-025-50042
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-50042] FLOOFY CAT 21 16 FED STATE COM #124H

Location of Release Source	
Site Name	FLOOFY CAT OFFSITE PW SPILL
Date Release Discovered	10/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	10,678
What is the estimated number of samples that will be gathered	68
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/21/2025
Time sampling will commence	12:30 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.324840, -103.712666

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 453078

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453078
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 453075

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453075
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429743979
Incident Name	NAPP2429743979 FLOOFY CAT OFFSITE PW SPILL @ 30-025-50042
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-50042] FLOOFY CAT 21 16 FED STATE COM #124H

Location of Release Source	
Site Name	FLOOFY CAT OFFSITE PW SPILL
Date Release Discovered	10/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,378
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2025
Time sampling will commence	10:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.324840, -103.712666

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 453075

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453075
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2025

Conner Moehring

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Thursday, January 23, 2025 4:27 PM
To: Raley, Jim
Cc: Conner Moehring; Mike Carmona; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD
Subject: Re: [EXTERNAL] Devon Energy - nAPP2429743979 - Extension Request

Good afternoon Jim,

Thank you for the correspondence. Sorry for the delay in response.

Your 90-day time extension is approved. Remediation Due date has been updated to April 21, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, January 17, 2025 8:35 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Devon Energy - nAPP2429743979 - Extension Request

From: Raley, Jim <Jim.Raley@dmn.com>
Sent: Friday, January 17, 2025 8:19 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Conner Moehring <Cmoehring@carmonaresources.com>; Mike Carmona <Mcarmona@carmonaresources.com>

Subject: [EXTERNAL] Devon Energy - nAPP2429743979 - Extension Request

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

NOMCD District II,

Devon Energy requests a 90 day extension for incident nAPP2429743979- Floofy Cat Offsite PW Spill. The project has been slower than anticipated due to safety protocols involving multiple buried high-pressure gas pipelines and surface lines and in coordinating with the insurance. The excavation is anticipated to get underway shortly after approval from an insurance company involved in this incident.

Jim Raley | Environmental Professional - Permian Basin

5315 Buena Vista Dr., Carlsbad, NM 88220

C: (575)689-7597 | jim.raley@devon.com



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Mike Carmona

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Thursday, April 24, 2025 9:19 AM
To: Conner Moehring
Cc: Mike Carmona; Stephen Reyes; Ivan Ramos; PaulB; Jim Minter; Raley, Jim
Subject: Re: [EXTERNAL] Devon & Elevate - Floofy Cat Offsite PW Spill - nAPP2429743979 - Extension Request

Good morning Conner,

Thank you for the correspondence. My apology for the delay in response.

Your 90-day time extension is approved. Remediation Due date has been updated to July 21, 2025.

Please keep a copy of this communication for inclusion within the next appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd>



From: Conner Moehring <Cmoehring@carmonaresources.com>
Sent: Monday, April 21, 2025 3:32 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>; Stephen Reyes <SReyes@carmonaresources.com>; Ivan Ramos <Iramos@carmonaresources.com>; PaulB <PaulB@carmonaresources.com>; Jim Minter <jminter@elevateenergysvs.com>; Raley, Jim <jim.rale@dm.com>
Subject: [EXTERNAL] Devon & Elevate - Floofy Cat Offsite PW Spill - nAPP2429743979 - Extension Request

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

Good afternoon,

This correspondence requests a ninety-day extension of time from the OCD for the produced water release at the Elevate - Floofy Cat Offsite PW Spill - nAPP2429743979, located in Lea County, New Mexico. The project has been slower

than anticipated in ensuring that all safety protocols have been met due to the multiple buried high-pressure gas pipelines and surface lines and in coordinating with the client and insurance. The excavation is currently in progress.

Please let us know if you have any questions regarding this site.

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

APPENDIX D

CARMONA RESOURCES

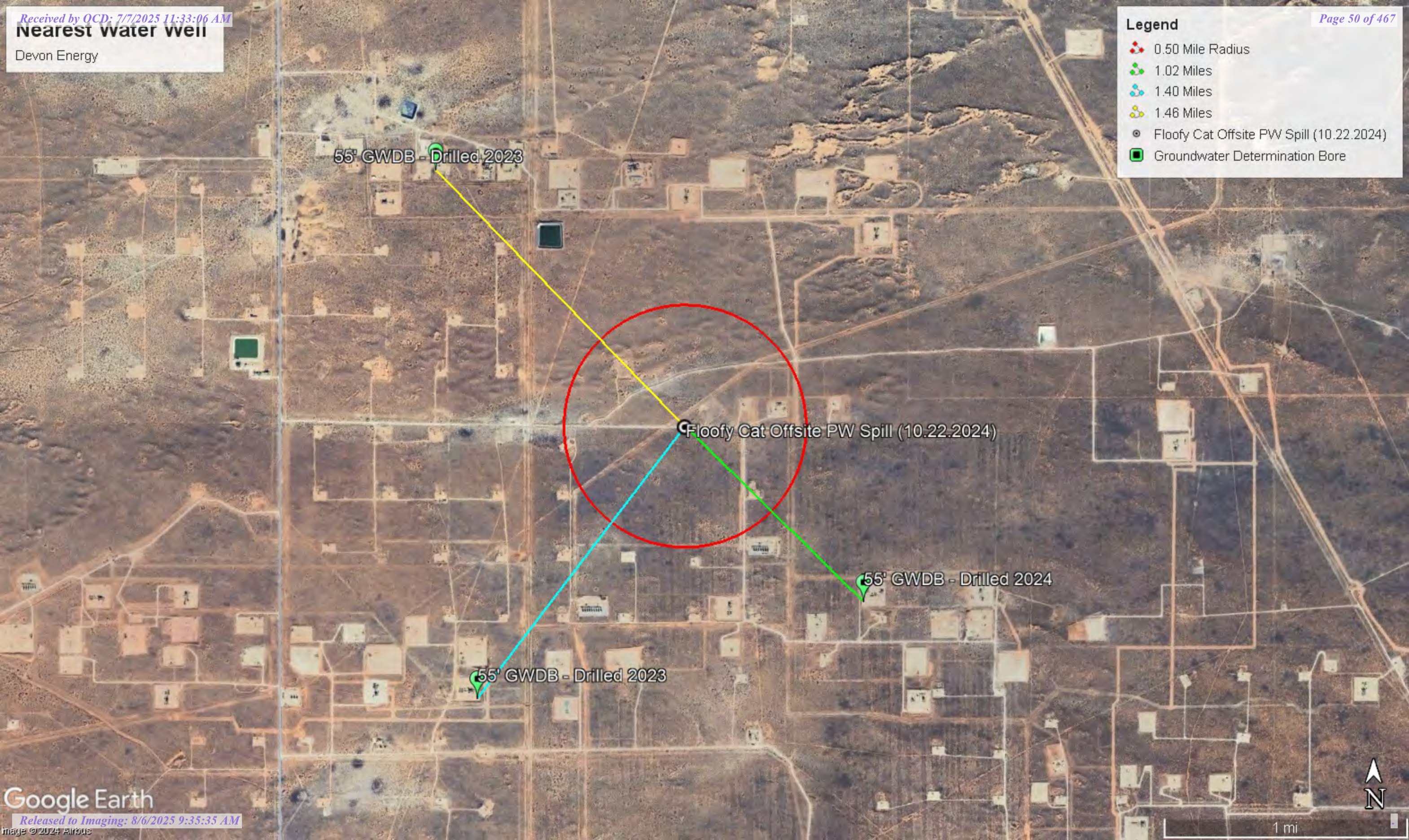


Nearest water well

Devon Energy

Legend

- 0.50 Mile Radius
- 1.02 Miles
- 1.40 Miles
- 1.46 Miles
- Floofy Cat Offsite PW Spill (10.22.2024)
- Groundwater Determination Bore



Groundwater Determination Bore Map

Devon Energy

Legend

- 0.27 Miles
- 0.50 Mile Radius
- 55' GWDB - Drilled 2025
- Floofy Cat Offsite PW Spill (10.22.2024)



Floofy Cat Offsite PW Spill (10.22.2024)

55' GWDB - Drilled 2025



2000 ft

Low Karst

Devon Energy

Legend

-  Floofy Cat Offsite PW Spill (10.22.2024)
-  Low

Floofy Cat Offsite PW Spill (10.22.2024)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04815 POD1		CUB	LE	NW	SE	SW	08	23S	32E	622391.9	3576025.7		1643	55		
C 04704 POD1		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5		2251			
C 04726 POD1		CUB	ED	NW	NW	SE	01	23S	31E	619538.3	3578821.3		2350			
C 04862 POD1		CUB	LE	NE	NW	NW	04	23S	32E	623697.0	3578798.5		2979	105	78	27
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4		3177	110		
C 04712 POD2		CUB	LE	SE	SE	SE	17	23S	32E	623331.9	3574331.5		3541	55		
C 04712 POD3		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9		3635	55		
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		3982	105		

Average Depth to Water: 78 feet

Minimum Depth: 78 feet

Maximum Depth: 78 feet

Record Count: 8

UTM Filters (in meters):

Easting: 621205.93
Northing: 3577164.20
Radius: 4000

* UTM location was derived from PLSS - see Help

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



Project Name :	Boundary Raider 7 Federal 214H	Date :	Thursday, January 23, 2025
Project No. :	2559	Sampler :	Ivan Ramos
Location :	Eddy County, New Mexico	Driller :	H&R Enterprises, LLC
Coordinates :	32.325816, -103.707869	Method :	Air Rotary
Elevation :	3546 feet		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Tan, moderately cemented, subangular, small to medium gravel with 40% fine, silty soft, loose silty sand. Dry, no odor, no organics (GM).		50		(50') - Reddish brown, medium stiff, subangular, small to medium claystone nodules with 70% fine, clayey soft, loose clayey sand. Dry, no odor, no organics (SC).	
5		(5') - Red, medium dense, well graded, silty soft sand. Dry, no odor, no organics (SW).		55		(55') - Reddish brown, medium stiff, subangular, small to medium claystone nodules with 80% fine, clayey soft, loose clayey sand. Dry, no odor, no organics (SC).	
10		(10') - Yellowish-red, medium dense, well graded, silty soft sand. Dry, no odor, no organics (SW).		60			
15		(15') - Pale red, strongly cemented, subangular, small to medium sandstone nodules with 80% fine, silty soft, loose sand. Dry, no odor, no organics (SM).		65			
20		(20') - Reddish brown, medium stiff, subangular, small to medium claystone nodules with 30% fine, silty soft, loose silty sand. Dry, no odor, no organics (SC).		70			
25		(25') - Reddish brown, medium stiff, subangular, small to medium claystone nodules with 30% fine, silty soft, loose silty sand. Dry, no odor, no organics (SC).		75			
30		(30') - Gray, weakly cemented, subrounded, small sandstone nodules with 98% fine, silty soft, very loose silty sand. Dry, no odor, no organics (SM).		80			
35		(35') - Pale red, medium stiff, subangular, small to medium claystone nodules with 15% fine, silty soft, loose silty sand. Dry, no odor, no organics (SC).		85			
40		(40') - Grayish red, medium stiff, subangular, small to medium claystone nodules with 35% fine, silty soft, loose silty sand. Dry, no odor, no organics (SC).		90			
45		(45') - Reddish brown, medium stiff, subangular, small to medium claystone nodules with 10% fine, clayey soft, loose clayey sand. Dry, no odor, no organics (SC).		95			
50				100			

Comments : (1/23/25) Boring terminated at 55' bgs at 9:00 A.M. Mountain Time with no presence of groundwater or moisture.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

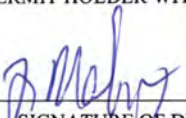
1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) ~~C-04815~~ POD 1		WELL TAG ID NO.		OSE FILE NO(S). ~~C-4815-POD1~~		
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150				CITY Hobbs	STATE NM	
					ZIP 88240		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 18	SECONDS 51.8 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley		NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 4-16-24	DRILLING ENDED 4-16-24	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'	DATE STATIC MEASURED 4-16-24	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0 45		6"	PVC 2" SCH40	Thread	2"	SCH40
	45 55		6"	PVC 2" SCH40	Thread	2"	SCH40
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				None pulled and plugged			

OSE OIT APR 25 2024 PM 2:37

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-04815	POD NO. 1	TRN NO. 757440
LOCATION 235.32E.08.143	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)	
	FROM	TO					
	0	10	10'	Brown sand with caliche	Y ✓ N		
	10	30	20'	Tan fine sand with small rock	Y ✓ N		
	30	55	25'	Tan fine sand	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: Dry hole				TOTAL ESTIMATED WELL YIELD (gpm): 0		
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
		MISCELLANEOUS INFORMATION: USE QII APR 25 2024 PM2:37					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jason Maley							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME			Jason Maley DATE 4/24/24			

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-04815	POD NO. 1	TRN NO. 757440	
LOCATION 735.37E.08.143	WELL TAG ID NO.		PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 757440
File Nbr: C 04815
Well File Nbr: C 04815 POD1

Apr. 25, 2024

CHANCE DIXON
VERTEX RESOURCE SERVICES INC
3101 BOYD DRIVE
CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 03/14/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/16/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/14/2025.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4704			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 18	SECONDS 31.26	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	43	36.7	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW NE NE Sec.13 T23S R31E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/11/23	DRILLING ENDED 4/11/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/18/23		
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04704	POD NO. 1	TRN NO. 742173
LOCATION 28S. 31E. 13. 322	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO. C-04704	POD NO. 1	TRN NO. 742173	
LOCATION 235.31E.13.322	WELL TAG ID NO		PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

QUE 011 11/27 2/23-10/20

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4726			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 23.65	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	43	47.22	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW L2 Sec.1 T23S R31E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/17/23	DRILLING ENDED 4/17/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/25/23		
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

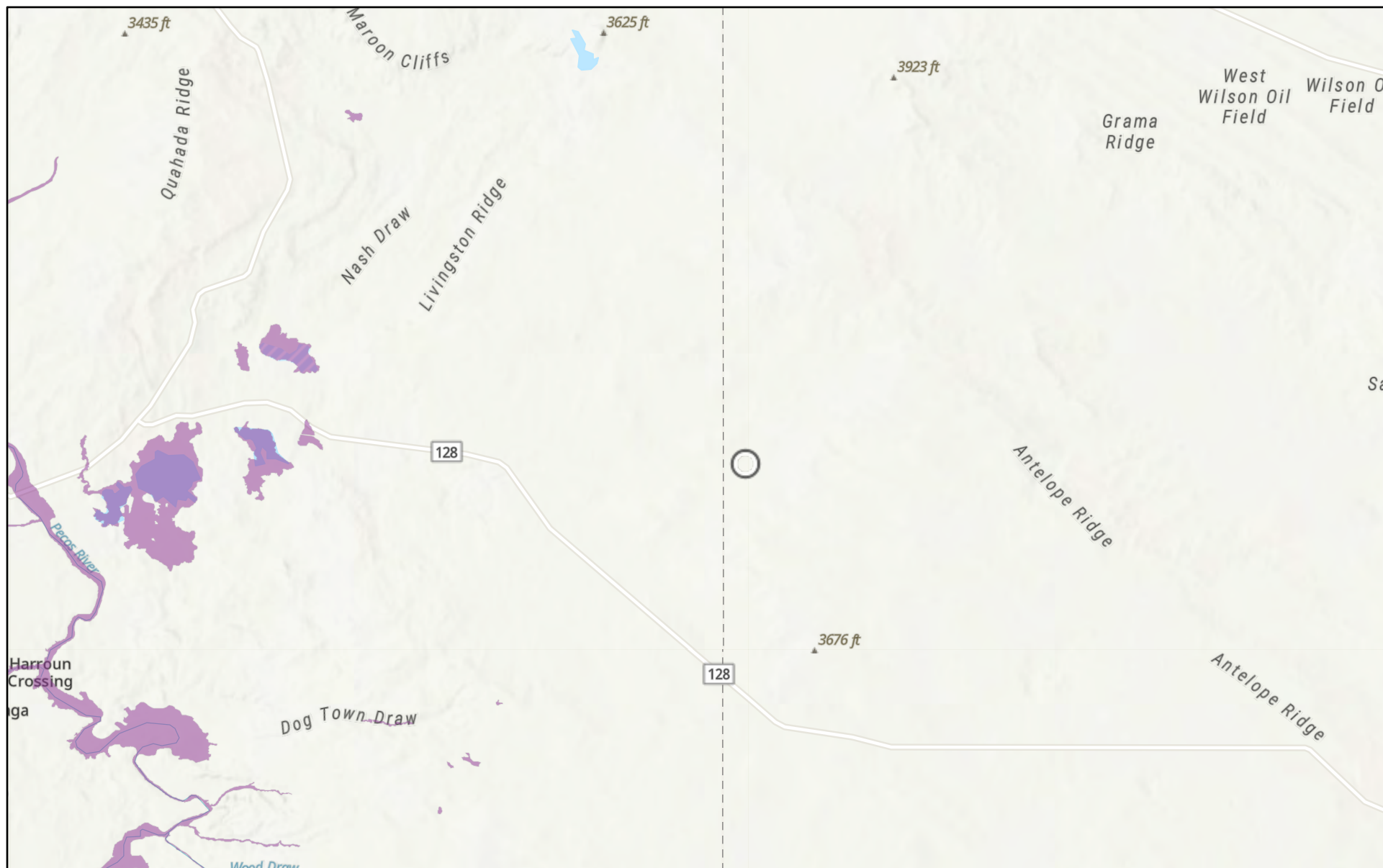
WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. <u>C-04726</u>	POD NO. <u>1</u>	TRN NO. <u>745169</u>
LOCATION <u>23S. 31E. 01. 114</u>	WELL TAG ID NO.	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
4. HYDROGEOLOGIC LOG OF WELL.	0	9	9	Sand, medium-fine grained, poorly, graded, unconsolidated, brown	Y ✓ N		
	9	14	5	Sand, medium-fine grained, poorly, graded, semi-consolidated, brown	Y ✓ N		
	14	20	6	Sand, medium-fine grained, poorly, graded, unconsolidated, tan	Y ✓ N		
	20	45	25	Sand, fine grained, poorly, graded, unconsolidated, tan	Y ✓ N		
	45	55	10	Clay, stiff, with very-fine silt, reddish brown	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 10 Tomb Raider 1 Fed 1							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jackie Atkins Jackie D. Atkins 4/26/23						
SIGNATURE OF DRILLER / PRINT SIGNEE NAME					DATE		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-04726	POD NO.	1
LOCATION		TRN NO.	745169
735. 31E. 01. 114		WELL TAG ID NO	PAGE 2 OF 2

Floofy Cat Offsite PW Spill (10.22.2024)

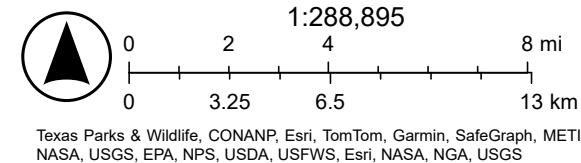


10/24/2024

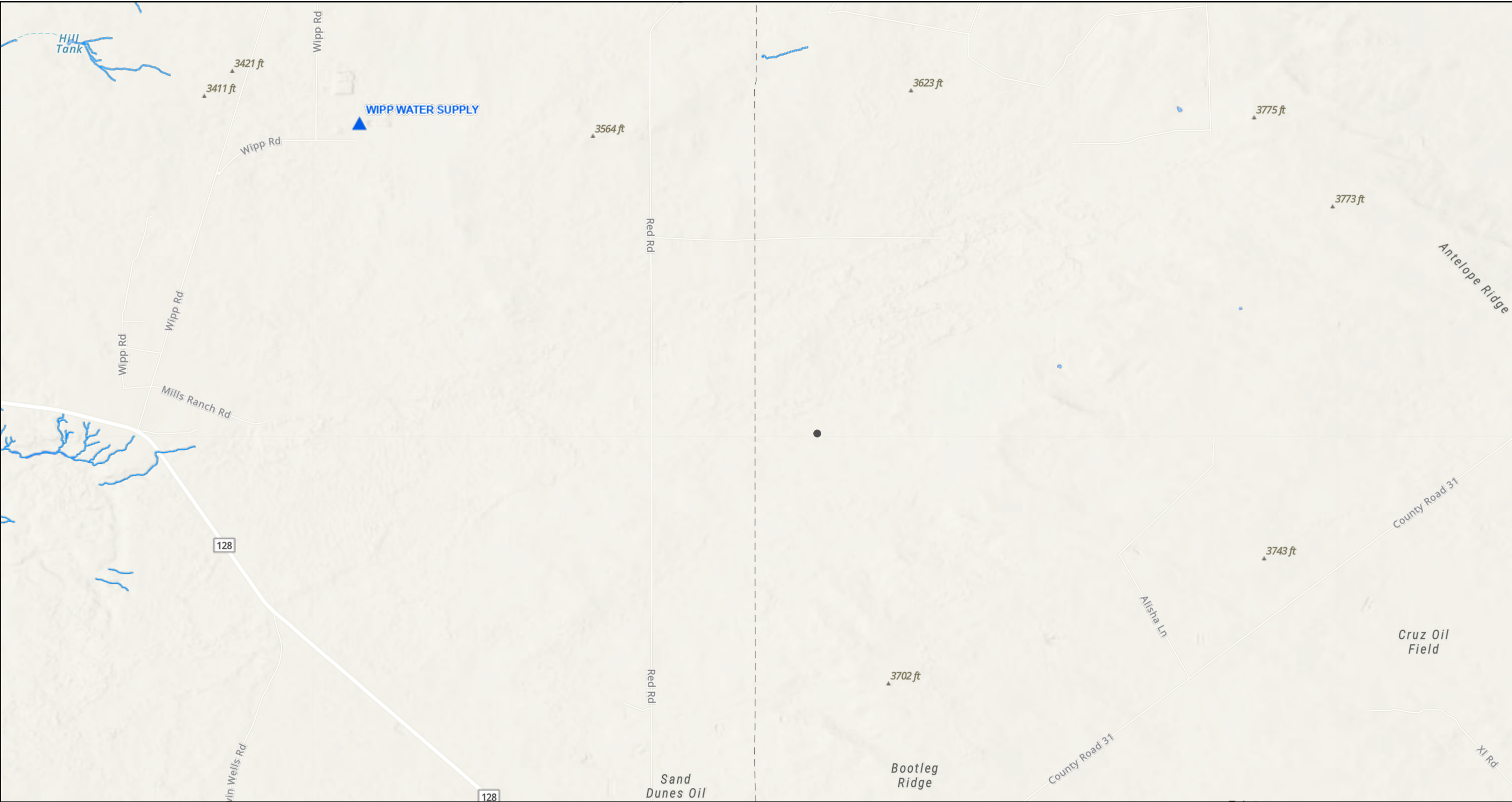
USA Flood Hazard Areas

World Hillshade

1% Annual Chance Flood Hazard



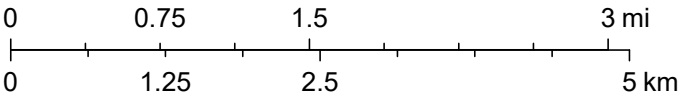
Floofy Cat Offsite PW Spill (10.22.2024)



10/24/2024, 3:45:11 PM

- OSW Water Bodys
- OSE Streams
- NMED Drinking Water Systems

1:72,224



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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/5/2024 11:54:00 AM

JOB DESCRIPTION

Floofy Cat Offsite PW Spill
Lea Coutny New Mexico

JOB NUMBER

880-50550-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
11/5/2024 11:54:00 AM

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

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Laboratory Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1

Job ID: 880-50550-1

Eurofins Midland

Job Narrative
880-50550-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 10/31/2024 3:44 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 0.9°C.

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-94619 and analytical batch 880-94685 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-5 (0-1') (880-50550-21), S-5 (5') (880-50550-26), S-6 (4') (880-50550-31) and S-6 (5') (880-50550-32). 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.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94642 and analytical batch 880-94750 was outside the control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-94642/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94643 and analytical batch 880-94752 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-94643/2-A) and (LCSD 880-94643/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-94750 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-94750/21).

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94689 and analytical batch 880-94741 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94690 and analytical batch 880-94742 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.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1

Job ID: 880-50550-1 (Continued) **Eurofins Midland**

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: 880-50550-1

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/01/24 22:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/01/24 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/01/24 11:22	11/01/24 22:52	1
1,4-Difluorobenzene (Surr)	85		70 - 130	11/01/24 11:22	11/01/24 22:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/01/24 22:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/04/24 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 15:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 15:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	11/01/24 15:30	11/04/24 15:49	1
o-Terphenyl	92		70 - 130	11/01/24 15:30	11/04/24 15:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1440	F1	49.9		mg/Kg			11/04/24 12:59	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-50550-2

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/01/24 23:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/01/24 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	11/01/24 11:22	11/01/24 23:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	11/01/24 11:22	11/01/24 23:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-1 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 23:12	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			11/04/24 16:39	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 16:39	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 16:39	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 16:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	110		70 - 130				11/01/24 15:30	11/04/24 16:39	1	
o-Terphenyl	84		70 - 130				11/01/24 15:30	11/04/24 16:39	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	3790		49.6		mg/Kg			11/04/24 13:19	5	

Client Sample ID: S-1 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:33	1	
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:33	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:33	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/01/24 23:33	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/01/24 23:33	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/01/24 23:33	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	97		70 - 130				11/01/24 11:22	11/01/24 23:33	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				11/01/24 11:22	11/01/24 23:33	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/01/24 23:33	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			11/04/24 16:55	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 16:55	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 16:55	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-50550-3

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				11/01/24 15:30	11/04/24 16:55	1
o-Terphenyl	77		70 - 130				11/01/24 15:30	11/04/24 16:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2860		49.7		mg/Kg			11/04/24 13:25	5

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

Lab Sample ID: 880-50550-4

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 23:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 23:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 23:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 11:22	11/01/24 23:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 23:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 11:22	11/01/24 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				11/01/24 11:22	11/01/24 23:53	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/01/24 11:22	11/01/24 23:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/01/24 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/04/24 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/01/24 15:30	11/04/24 17:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/01/24 15:30	11/04/24 17:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/01/24 15:30	11/04/24 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				11/01/24 15:30	11/04/24 17:12	1
o-Terphenyl	77		70 - 130				11/01/24 15:30	11/04/24 17:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		50.1		mg/Kg			11/04/24 13:32	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-50550-5

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:22	11/02/24 00:14	1
Toluene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:22	11/02/24 00:14	1
Ethylbenzene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:22	11/02/24 00:14	1
m-Xylene & p-Xylene	<0.00407	U	0.00407		mg/Kg		11/01/24 11:22	11/02/24 00:14	1
o-Xylene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:22	11/02/24 00:14	1
Xylenes, Total	<0.00407	U	0.00407		mg/Kg		11/01/24 11:22	11/02/24 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	11/01/24 11:22	11/02/24 00:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/01/24 11:22	11/02/24 00:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00407	U	0.00407		mg/Kg			11/02/24 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/24 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 17:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	11/01/24 15:30	11/04/24 17:28	1
o-Terphenyl	86		70 - 130	11/01/24 15:30	11/04/24 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	963		10.0		mg/Kg			11/04/24 13:38	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-50550-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 11:22	11/02/24 00:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:22	11/02/24 00:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:22	11/02/24 00:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/01/24 11:22	11/02/24 00:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:22	11/02/24 00:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/01/24 11:22	11/02/24 00:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/01/24 11:22	11/02/24 00:34	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/01/24 11:22	11/02/24 00:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-50550-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/02/24 00:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/04/24 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/01/24 15:30	11/04/24 17:45	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/01/24 15:30	11/04/24 17:45	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/01/24 15:30	11/04/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				11/01/24 15:30	11/04/24 17:45	1
o-Terphenyl	79		70 - 130				11/01/24 15:30	11/04/24 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	795		9.96		mg/Kg			11/04/24 13:58	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-50550-7

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 00:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 00:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 00:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 00:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 00:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/01/24 11:22	11/02/24 00:55	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/01/24 11:22	11/02/24 00:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 00:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/04/24 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/01/24 15:30	11/04/24 18:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/01/24 15:30	11/04/24 18:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-2 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/01/24 15:30	11/04/24 18:01	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	103		70 - 130				11/01/24 15:30	11/04/24 18:01	1	
o-Terphenyl	83		70 - 130				11/01/24 15:30	11/04/24 18:01	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	3150		49.8		mg/Kg			11/04/24 14:05	5	

Client Sample ID: S-2 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:16	1	
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:16	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:16	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 11:22	11/02/24 01:16	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:16	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 11:22	11/02/24 01:16	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		70 - 130				11/01/24 11:22	11/02/24 01:16	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 11:22	11/02/24 01:16	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/02/24 01:16	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			11/04/24 18:18	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 18:18	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 18:18	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 18:18	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	101		70 - 130				11/01/24 15:30	11/04/24 18:18	1	
o-Terphenyl	80		70 - 130				11/01/24 15:30	11/04/24 18:18	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	914		9.94		mg/Kg			11/04/24 14:11	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-2 (5')

Lab Sample ID: 880-50550-9

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 01:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 01:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	11/01/24 11:22	11/02/24 01:36	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/01/24 11:22	11/02/24 01:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/04/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/01/24 15:30	11/04/24 18:33	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/01/24 15:30	11/04/24 18:33	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/01/24 15:30	11/04/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	11/01/24 15:30	11/04/24 18:33	1
o-Terphenyl	82		70 - 130	11/01/24 15:30	11/04/24 18:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570		49.5		mg/Kg			11/04/24 14:18	5

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

Lab Sample ID: 880-50550-10

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 01:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 01:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 01:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 01:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 01:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	11/01/24 11:22	11/02/24 01:57	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/01/24 11:22	11/02/24 01:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: 880-50550-10

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/04/24 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 18:51	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 18:51	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				11/01/24 15:30	11/04/24 18:51	1
o-Terphenyl	78		70 - 130				11/01/24 15:30	11/04/24 18:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		9.92		mg/Kg			11/04/24 14:24	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-50550-11

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 03:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 03:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 03:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 03:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 03:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				11/01/24 11:22	11/02/24 03:21	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 11:22	11/02/24 03:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 03:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/04/24 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 19:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-50550-11

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				11/01/24 15:30	11/04/24 19:23	1
o-Terphenyl	78		70 - 130				11/01/24 15:30	11/04/24 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100	F1	50.4		mg/Kg			11/04/24 14:31	5

Client Sample ID: S-3 (2')

Lab Sample ID: 880-50550-12

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 03:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 03:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 03:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 11:22	11/02/24 03:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 03:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 11:22	11/02/24 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/01/24 11:22	11/02/24 03:41	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/01/24 11:22	11/02/24 03:41	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			11/02/24 03:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/24 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 19:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 19:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/01/24 15:30	11/04/24 19:39	1
o-Terphenyl	81		70 - 130				11/01/24 15:30	11/04/24 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		49.8		mg/Kg			11/04/24 14:51	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-50550-13

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:22	11/02/24 04:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:22	11/02/24 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	11/01/24 11:22	11/02/24 04:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/01/24 11:22	11/02/24 04:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/02/24 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/04/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/01/24 15:30	11/04/24 19:56	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/01/24 15:30	11/04/24 19:56	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/01/24 15:30	11/04/24 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	11/01/24 15:30	11/04/24 19:56	1
o-Terphenyl	75		70 - 130	11/01/24 15:30	11/04/24 19:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		10.0		mg/Kg			11/04/24 14:57	1

Client Sample ID: S-3 (4')

Lab Sample ID: 880-50550-14

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 04:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 04:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 04:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/01/24 11:22	11/02/24 04:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:22	11/02/24 04:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/01/24 11:22	11/02/24 04:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	11/01/24 11:22	11/02/24 04:22	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/01/24 11:22	11/02/24 04:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-3 (4')

Lab Sample ID: 880-50550-14

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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			11/02/24 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/04/24 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/01/24 15:30	11/04/24 20:13	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/01/24 15:30	11/04/24 20:13	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/01/24 15:30	11/04/24 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				11/01/24 15:30	11/04/24 20:13	1
o-Terphenyl	76		70 - 130				11/01/24 15:30	11/04/24 20:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3580		50.0		mg/Kg			11/04/24 15:17	5

Client Sample ID: S-3 (5')

Lab Sample ID: 880-50550-15

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 04:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 04:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/01/24 11:22	11/02/24 04:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/01/24 11:22	11/02/24 04:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/04/24 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/01/24 15:30	11/04/24 20:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/01/24 15:30	11/04/24 20:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-3 (5')

Lab Sample ID: 880-50550-15

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/01/24 15:30	11/04/24 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/01/24 15:30	11/04/24 20:29	1
o-Terphenyl	85		70 - 130				11/01/24 15:30	11/04/24 20:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3150		49.8		mg/Kg			11/04/24 15:23	5

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-50550-16

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:22	11/02/24 05:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:22	11/02/24 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				11/01/24 11:22	11/02/24 05:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130				11/01/24 11:22	11/02/24 05:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/02/24 05:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/04/24 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 20:46	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 20:46	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/01/24 15:30	11/04/24 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				11/01/24 15:30	11/04/24 20:46	1
o-Terphenyl	78		70 - 130				11/01/24 15:30	11/04/24 20:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2430		49.9		mg/Kg			11/04/24 15:30	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-50550-17

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 05:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 05:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 05:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 05:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 05:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	11/01/24 11:22	11/02/24 05:24	1
1,4-Difluorobenzene (Surr)	84		70 - 130	11/01/24 11:22	11/02/24 05:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/24 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/01/24 15:30	11/04/24 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/01/24 15:30	11/04/24 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/01/24 15:30	11/04/24 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	11/01/24 15:30	11/04/24 21:02	1
o-Terphenyl	81		70 - 130	11/01/24 15:30	11/04/24 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	926		10.1		mg/Kg			11/04/24 15:37	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-50550-18

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/01/24 11:22	11/02/24 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 05:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/01/24 11:22	11/02/24 05:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/01/24 11:22	11/02/24 05:45	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/01/24 11:22	11/02/24 05:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-50550-18

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/02/24 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/04/24 21:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 21:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 21:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/01/24 15:30	11/04/24 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				11/01/24 15:30	11/04/24 21:19	1
o-Terphenyl	76		70 - 130				11/01/24 15:30	11/04/24 21:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873		10.1		mg/Kg			11/04/24 15:43	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-50550-19

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 06:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 06:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 06:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 06:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:22	11/02/24 06:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/01/24 11:22	11/02/24 06:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/01/24 11:22	11/02/24 06:05	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 11:22	11/02/24 06:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 06:05	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			11/04/24 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 21:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 21:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-50550-19

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/01/24 15:30	11/04/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				11/01/24 15:30	11/04/24 21:35	1
o-Terphenyl	78		70 - 130				11/01/24 15:30	11/04/24 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3790		49.8		mg/Kg			11/04/24 15:50	5

Client Sample ID: S-4 (4')

Lab Sample ID: 880-50550-20

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 06:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 06:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 06:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 06:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/02/24 06:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:22	11/02/24 06:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/01/24 11:22	11/02/24 06:26	1
1,4-Difluorobenzene (Surr)	90		70 - 130				11/01/24 11:22	11/02/24 06:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/04/24 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/01/24 15:30	11/04/24 21:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/01/24 15:30	11/04/24 21:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/01/24 15:30	11/04/24 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				11/01/24 15:30	11/04/24 21:51	1
o-Terphenyl	76		70 - 130				11/01/24 15:30	11/04/24 21:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2330		49.5		mg/Kg			11/04/24 15:56	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-50550-21

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:53	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		11/01/24 11:25	11/02/24 13:53	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:53	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		11/01/24 11:25	11/02/24 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	11/01/24 11:25	11/02/24 13:53	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/01/24 11:25	11/02/24 13:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/04/24 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 15:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 15:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	11/01/24 15:33	11/04/24 15:49	1
o-Terphenyl	98		70 - 130	11/01/24 15:33	11/04/24 15:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.6	F1	10.0		mg/Kg			11/04/24 21:45	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-50550-22

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:13	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 14:13	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:13	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	11/01/24 11:25	11/02/24 14:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/01/24 11:25	11/02/24 14:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 14:13	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			11/04/24 16:39	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/01/24 15:33	11/04/24 16:39	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/01/24 15:33	11/04/24 16:39	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/01/24 15:33	11/04/24 16:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	112		70 - 130				11/01/24 15:33	11/04/24 16:39	1	
o-Terphenyl	102		70 - 130				11/01/24 15:33	11/04/24 16:39	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	68.2		9.98		mg/Kg			11/04/24 22:00	1	

Client Sample ID: S-5 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:34	1	
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:34	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:34	1	
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 14:34	1	
o-Xylene	<0.00199	U **	0.00199		mg/Kg		11/01/24 11:25	11/02/24 14:34	1	
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 14:34	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	125		70 - 130				11/01/24 11:25	11/02/24 14:34	1	
1,4-Difluorobenzene (Surr)	100		70 - 130				11/01/24 11:25	11/02/24 14:34	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 14:34	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			11/04/24 16:55	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 16:55	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 16:55	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				11/01/24 15:33	11/04/24 16:55	1
o-Terphenyl	104		70 - 130				11/01/24 15:33	11/04/24 16:55	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.3		10.0		mg/Kg			11/04/24 22:05	1

Client Sample ID: S-5 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-24
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 14:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 14:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 14:54	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		11/01/24 11:25	11/02/24 14:54	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		11/01/24 11:25	11/02/24 14:54	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		11/01/24 11:25	11/02/24 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				11/01/24 11:25	11/02/24 14:54	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/01/24 11:25	11/02/24 14:54	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/02/24 14:54	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/04/24 17:12	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 17:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 17:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				11/01/24 15:33	11/04/24 17:12	1
o-Terphenyl	103		70 - 130				11/01/24 15:33	11/04/24 17:12	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.0		10.1		mg/Kg			11/04/24 22:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-50550-25

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:25	11/02/24 15:15	1
Toluene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:25	11/02/24 15:15	1
Ethylbenzene	<0.00204	U	0.00204		mg/Kg		11/01/24 11:25	11/02/24 15:15	1
m-Xylene & p-Xylene	<0.00407	U **	0.00407		mg/Kg		11/01/24 11:25	11/02/24 15:15	1
o-Xylene	<0.00204	U **	0.00204		mg/Kg		11/01/24 11:25	11/02/24 15:15	1
Xylenes, Total	<0.00407	U **	0.00407		mg/Kg		11/01/24 11:25	11/02/24 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/01/24 11:25	11/02/24 15:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/01/24 11:25	11/02/24 15:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00407	U	0.00407		mg/Kg			11/02/24 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/04/24 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/01/24 15:33	11/04/24 17:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/01/24 15:33	11/04/24 17:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/01/24 15:33	11/04/24 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	11/01/24 15:33	11/04/24 17:28	1
o-Terphenyl	104		70 - 130	11/01/24 15:33	11/04/24 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.7		9.90		mg/Kg			11/04/24 22:14	1

Client Sample ID: S-5 (5')

Lab Sample ID: 880-50550-26

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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		11/01/24 11:25	11/02/24 15:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:25	11/02/24 15:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/01/24 11:25	11/02/24 15:35	1
m-Xylene & p-Xylene	<0.00396	U **	0.00396		mg/Kg		11/01/24 11:25	11/02/24 15:35	1
o-Xylene	<0.00198	U **	0.00198		mg/Kg		11/01/24 11:25	11/02/24 15:35	1
Xylenes, Total	<0.00396	U **	0.00396		mg/Kg		11/01/24 11:25	11/02/24 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	11/01/24 11:25	11/02/24 15:35	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/01/24 11:25	11/02/24 15:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (5')

Lab Sample ID: 880-50550-26

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/02/24 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/04/24 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 17:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 17:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/01/24 15:33	11/04/24 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/01/24 15:33	11/04/24 17:45	1
o-Terphenyl	97		70 - 130				11/01/24 15:33	11/04/24 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.1		9.96		mg/Kg			11/04/24 22:29	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-50550-27

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 15:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 15:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 15:56	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 15:56	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		11/01/24 11:25	11/02/24 15:56	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				11/01/24 11:25	11/02/24 15:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/01/24 11:25	11/02/24 15:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/04/24 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/01/24 15:33	11/04/24 18:01	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/01/24 15:33	11/04/24 18:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-50550-27

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/01/24 15:33	11/04/24 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				11/01/24 15:33	11/04/24 18:01	1
o-Terphenyl	99		70 - 130				11/01/24 15:33	11/04/24 18:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		9.96		mg/Kg			11/04/24 22:33	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-50550-28

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:16	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		11/01/24 11:25	11/02/24 16:16	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:16	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		11/01/24 11:25	11/02/24 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				11/01/24 11:25	11/02/24 16:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/01/24 11:25	11/02/24 16:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/02/24 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/04/24 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/01/24 15:33	11/04/24 18:18	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/01/24 15:33	11/04/24 18:18	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/01/24 15:33	11/04/24 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				11/01/24 15:33	11/04/24 18:18	1
o-Terphenyl	103		70 - 130				11/01/24 15:33	11/04/24 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2140		49.7		mg/Kg			11/04/24 22:38	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-6 (2')

Lab Sample ID: 880-50550-29

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:36	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		11/01/24 11:25	11/02/24 16:36	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		11/01/24 11:25	11/02/24 16:36	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		11/01/24 11:25	11/02/24 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	11/01/24 11:25	11/02/24 16:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/01/24 11:25	11/02/24 16:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/04/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/01/24 15:33	11/04/24 18:33	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/01/24 15:33	11/04/24 18:33	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/01/24 15:33	11/04/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	11/01/24 15:33	11/04/24 18:33	1
o-Terphenyl	100		70 - 130	11/01/24 15:33	11/04/24 18:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.92		mg/Kg			11/04/24 22:43	1

Client Sample ID: S-6 (3')

Lab Sample ID: 880-50550-30

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 16:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 16:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/01/24 11:25	11/02/24 16:57	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 16:57	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		11/01/24 11:25	11/02/24 16:57	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		11/01/24 11:25	11/02/24 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/01/24 11:25	11/02/24 16:57	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/01/24 11:25	11/02/24 16:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-6 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/02/24 16:57	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.1	U	50.1		mg/Kg			11/04/24 18:51	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 18:51	1	
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 18:51	1	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 18:51	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	117		70 - 130				11/01/24 15:33	11/04/24 18:51	1	
o-Terphenyl	105		70 - 130				11/01/24 15:33	11/04/24 18:51	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1450		49.5		mg/Kg			11/04/24 22:48	5	

Client Sample ID: S-6 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-31
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 18:20	1	
Toluene	0.00577		0.00200		mg/Kg		11/01/24 11:25	11/02/24 18:20	1	
Ethylbenzene	0.00743		0.00200		mg/Kg		11/01/24 11:25	11/02/24 18:20	1	
m-Xylene & p-Xylene	0.00827	*+	0.00401		mg/Kg		11/01/24 11:25	11/02/24 18:20	1	
o-Xylene	0.00391	*+	0.00200		mg/Kg		11/01/24 11:25	11/02/24 18:20	1	
Xylenes, Total	0.0122	*+	0.00401		mg/Kg		11/01/24 11:25	11/02/24 18:20	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	130		70 - 130				11/01/24 11:25	11/02/24 18:20	1	
1,4-Difluorobenzene (Surr)	143	S1+	70 - 130				11/01/24 11:25	11/02/24 18:20	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0254		0.00401		mg/Kg			11/02/24 18:20	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.1	U	50.1		mg/Kg			11/04/24 19:23	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 19:23	1	
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 19:23	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-6 (4')

Lab Sample ID: 880-50550-31

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/01/24 15:33	11/04/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				11/01/24 15:33	11/04/24 19:23	1
o-Terphenyl	104		70 - 130				11/01/24 15:33	11/04/24 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240	F1	49.9		mg/Kg			11/04/24 22:53	5

Client Sample ID: S-6 (5')

Lab Sample ID: 880-50550-32

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:25	11/02/24 18:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:25	11/02/24 18:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/01/24 11:25	11/02/24 18:40	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		11/01/24 11:25	11/02/24 18:40	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		11/01/24 11:25	11/02/24 18:40	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		11/01/24 11:25	11/02/24 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				11/01/24 11:25	11/02/24 18:40	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/01/24 11:25	11/02/24 18:40	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			11/02/24 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/04/24 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/01/24 15:33	11/04/24 19:39	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/01/24 15:33	11/04/24 19:39	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/01/24 15:33	11/04/24 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				11/01/24 15:33	11/04/24 19:39	1
o-Terphenyl	103		70 - 130				11/01/24 15:33	11/04/24 19:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		49.5		mg/Kg			11/04/24 23:07	5

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Surrogate Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-50550-1	S-1 (0-1')	100	85
880-50550-1 MS	S-1 (0-1')	98	99
880-50550-1 MSD	S-1 (0-1')	93	94
880-50550-2	S-1 (1.5')	90	88
880-50550-3	S-1 (2')	97	97
880-50550-4	S-2 (0-1')	95	91
880-50550-5	S-2 (1.5')	94	91
880-50550-6	S-2 (2')	97	90
880-50550-7	S-2 (3')	96	89
880-50550-8	S-2 (4')	95	90
880-50550-9	S-2 (5')	98	91
880-50550-10	S-3 (0-1')	95	90
880-50550-11	S-3 (1.5')	91	90
880-50550-12	S-3 (2')	97	89
880-50550-13	S-3 (3')	95	90
880-50550-14	S-3 (4')	96	91
880-50550-15	S-3 (5')	96	89
880-50550-16	S-4 (0-1')	95	92
880-50550-17	S-4 (1.5')	98	84
880-50550-18	S-4 (2')	102	91
880-50550-19	S-4 (3')	97	90
880-50550-20	S-4 (4')	98	90
880-50550-21	S-5 (0-1')	132 S1+	97
880-50550-21 MS	S-5 (0-1')	106	100
880-50550-21 MSD	S-5 (0-1')	114	102
880-50550-22	S-5 (1.5')	121	100
880-50550-23	S-5 (2')	125	100
880-50550-24	S-5 (3')	113	102
880-50550-25	S-5 (4')	120	99
880-50550-26	S-5 (5')	131 S1+	100
880-50550-27	S-6 (0-1')	120	100
880-50550-28	S-6 (1.5')	122	100
880-50550-29	S-6 (2')	130	101
880-50550-30	S-6 (3')	122	101
880-50550-31	S-6 (4')	130	143 S1+
880-50550-32	S-6 (5')	132 S1+	102
LCS 880-94616/1-A	Lab Control Sample	100	102
LCS 880-94619/1-A	Lab Control Sample	106	104
LCSD 880-94616/2-A	Lab Control Sample Dup	101	101
LCSD 880-94619/2-A	Lab Control Sample Dup	118	101
MB 880-94585/5-A	Method Blank	90	89
MB 880-94616/5-A	Method Blank	92	89
MB 880-94619/5-A	Method Blank	115	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-50550-1

Project/Site: Floofy Cat Offsite PW Spill

SDG: Lea Coutny New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-50550-1	S-1 (0-1')	119	92
880-50550-1 MS	S-1 (0-1')	96	83
880-50550-1 MSD	S-1 (0-1')	95	81
880-50550-2	S-1 (1.5')	110	84
880-50550-3	S-1 (2')	100	77
880-50550-4	S-2 (0-1')	100	77
880-50550-5	S-2 (1.5')	106	86
880-50550-6	S-2 (2')	98	79
880-50550-7	S-2 (3')	103	83
880-50550-8	S-2 (4')	101	80
880-50550-9	S-2 (5')	103	82
880-50550-10	S-3 (0-1')	103	78
880-50550-11	S-3 (1.5')	100	78
880-50550-12	S-3 (2')	107	81
880-50550-13	S-3 (3')	99	75
880-50550-14	S-3 (4')	101	76
880-50550-15	S-3 (5')	107	85
880-50550-16	S-4 (0-1')	101	78
880-50550-17	S-4 (1.5')	103	81
880-50550-18	S-4 (2')	98	76
880-50550-19	S-4 (3')	102	78
880-50550-20	S-4 (4')	99	76
880-50550-21	S-5 (0-1')	108	98
880-50550-21 MS	S-5 (0-1')	108	107
880-50550-21 MSD	S-5 (0-1')	108	107
880-50550-22	S-5 (1.5')	112	102
880-50550-23	S-5 (2')	117	104
880-50550-24	S-5 (3')	117	103
880-50550-25	S-5 (4')	117	104
880-50550-26	S-5 (5')	107	97
880-50550-27	S-6 (0-1')	111	99
880-50550-28	S-6 (1.5')	114	103
880-50550-29	S-6 (2')	110	100
880-50550-30	S-6 (3')	117	105
880-50550-31	S-6 (4')	115	104
880-50550-32	S-6 (5')	114	103
LCS 880-94642/2-A	Lab Control Sample	135 S1+	121
LCS 880-94643/2-A	Lab Control Sample	180 S1+	184 S1+
LCSD 880-94642/3-A	Lab Control Sample Dup	126	111
LCSD 880-94643/3-A	Lab Control Sample Dup	184 S1+	183 S1+
MB 880-94642/1-A	Method Blank	82	66 S1-
MB 880-94643/1-A	Method Blank	91	205 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94585/5-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	11/01/24 09:25	11/01/24 11:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/01/24 09:25	11/01/24 11:50	1

Lab Sample ID: MB 880-94616/5-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:22	11/01/24 22:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:22	11/01/24 22:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:22	11/01/24 22:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	11/01/24 11:22	11/01/24 22:30	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/01/24 11:22	11/01/24 22:30	1

Lab Sample ID: LCS 880-94616/1-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09766		mg/Kg		98	70 - 130
Toluene	0.100	0.09782		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09489		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1922		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09610		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-94616/2-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94616

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09167		mg/Kg		92	70 - 130	6	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: LCSD 880-94616/2-A

Matrix: Solid

Analysis Batch: 94485

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94616

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.09356		mg/Kg		94	70 - 130		4	35
Ethylbenzene	0.100	0.09025		mg/Kg		90	70 - 130		5	35
m-Xylene & p-Xylene	0.200	0.1816		mg/Kg		91	70 - 130		6	35
o-Xylene	0.100	0.09098		mg/Kg		91	70 - 130		5	35

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

Lab Sample ID: 880-50550-1 MS

Matrix: Solid

Analysis Batch: 94485

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

Prep Type: Total/NA

Prep Batch: 94616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00200	U	0.100	0.08774		mg/Kg		88	70 - 130	
Toluene	<0.00200	U	0.100	0.08910		mg/Kg		89	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08407		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1681		mg/Kg		84	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08388		mg/Kg		84	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-50550-1 MSD

Matrix: Solid

Analysis Batch: 94485

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

Prep Type: Total/NA

Prep Batch: 94616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00200	U	0.100	0.07407		mg/Kg		74	70 - 130		17	35
Toluene	<0.00200	U	0.100	0.08313		mg/Kg		83	70 - 130		7	35
Ethylbenzene	<0.00200	U	0.100	0.08237		mg/Kg		82	70 - 130		2	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1681		mg/Kg		84	70 - 130		0	35
o-Xylene	<0.00200	U	0.100	0.08278		mg/Kg		83	70 - 130		1	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-94619/5-A

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94619

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:25	11/02/24 13:31	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: MB 880-94619/5-A

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94619

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:25	11/02/24 13:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:25	11/02/24 13:31	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	115		70 - 130				11/01/24 11:25	11/02/24 13:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130				11/01/24 11:25	11/02/24 13:31	1

Lab Sample ID: LCS 880-94619/1-A

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94619

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1090		mg/Kg		109	70 - 130		
Toluene	0.100	0.1113		mg/Kg		111	70 - 130		
Ethylbenzene	0.100	0.1097		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	0.200	0.2163		mg/Kg		108	70 - 130		
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-94619/2-A

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94619

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1159		mg/Kg		116	70 - 130	6	35
Toluene	0.100	0.1258		mg/Kg		126	70 - 130	12	35
Ethylbenzene	0.100	0.1209		mg/Kg		121	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2951	*+	mg/Kg		148	70 - 130	31	35
o-Xylene	0.100	0.1370	*+	mg/Kg		137	70 - 130	23	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	118		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: 880-50550-21 MS

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 94619

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.1038		mg/Kg		104	70 - 130		
Toluene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09632		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	<0.00401	U *+	0.200	0.1867		mg/Kg		93	70 - 130		
o-Xylene	<0.00200	U *+	0.100	0.09574		mg/Kg		96	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: 880-50550-21 MS

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 94619

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-50550-21 MSD

Matrix: Solid

Analysis Batch: 94685

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 94619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09833		mg/Kg		98	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09663		mg/Kg		97	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U *+	0.200	0.1932		mg/Kg		97	70 - 130	3	35
o-Xylene	<0.00200	U *+	0.100	0.09882		mg/Kg		99	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-94642/1-A

Matrix: Solid

Analysis Batch: 94750

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94642

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/01/24 15:30	11/04/24 09:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/01/24 15:30	11/04/24 09:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/01/24 15:30	11/04/24 09:42	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	82		70 - 130	11/01/24 15:30	11/04/24 09:42	1			
o-Terphenyl	66	S1-	70 - 130	11/01/24 15:30	11/04/24 09:42	1			

Lab Sample ID: LCS 880-94642/2-A

Matrix: Solid

Analysis Batch: 94750

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94642

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1212		mg/Kg		121	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	985.7		mg/Kg		99	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	121		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: LCSD 880-94642/3-A
Matrix: Solid
Analysis Batch: 94750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94642

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1118		mg/Kg		112	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	868.1		mg/Kg		87	70 - 130	13	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	126		70 - 130						
o-Terphenyl	111		70 - 130						

Lab Sample ID: 880-50550-1 MS
Matrix: Solid
Analysis Batch: 94750

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 94642

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	1050		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	843.2		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-50550-1 MSD
Matrix: Solid
Analysis Batch: 94750

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 94642

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	1021		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	827.6		mg/Kg		82	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-94643/1-A
Matrix: Solid
Analysis Batch: 94752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94643

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/01/24 15:33	11/04/24 09:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/01/24 15:33	11/04/24 09:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/01/24 15:33	11/04/24 09:42	1

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: MB 880-94643/1-A
Matrix: Solid
Analysis Batch: 94752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94643

Surrogate	MB MB		Limits			Dil Fac
	%Recovery	Qualifier		Prepared	Analyzed	
1-Chlorooctane	91		70 - 130	11/01/24 15:33	11/04/24 09:42	1
o-Terphenyl	205	S1+	70 - 130	11/01/24 15:33	11/04/24 09:42	1

Lab Sample ID: LCS 880-94643/2-A
Matrix: Solid
Analysis Batch: 94752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94643

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits		
			Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10			1000	1119		mg/Kg		112	70 - 130			
Diesel Range Organics (Over C10-C28)			1000	1152		mg/Kg		115	70 - 130			
												</

Lab Sample ID: LCSD 880-94643/3-A
Matrix: Solid
Analysis Batch: 94752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94643

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	1175		mg/Kg		118	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	184	S1+	70 - 130								
o-Terphenyl	183	S1+	70 - 130								

Lab Sample ID: 880-50550-21 MS
Matrix: Solid
Analysis Batch: 94752

Client Sample ID: S-5 (0-1')
Prep Type: Total/NA
Prep Batch: 94643

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1126		mg/Kg		112	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1083		mg/Kg		107	70 - 130			
										</		

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Lab Sample ID: 880-50550-21 MSD

Matrix: Solid

Analysis Batch: 94752

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 94643

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1119		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1103		mg/Kg		109	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	107		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94689/1-A

Matrix: Solid

Analysis Batch: 94741

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/04/24 12:39	1

Lab Sample ID: LCS 880-94689/2-A

Matrix: Solid

Analysis Batch: 94741

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-94689/3-A

Matrix: Solid

Analysis Batch: 94741

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.3		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-50550-1 MS

Matrix: Solid

Analysis Batch: 94741

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1440	F1	1250	3023	F1	mg/Kg		127	90 - 110

Lab Sample ID: 880-50550-1 MSD

Matrix: Solid

Analysis Batch: 94741

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1440	F1	1250	3029	F1	mg/Kg		127	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-50550-11 MS

Matrix: Solid

Analysis Batch: 94741

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2100	F1	1260	3761	F1	mg/Kg		132	90 - 110

Lab Sample ID: 880-50550-11 MSD

Matrix: Solid

Analysis Batch: 94741

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2100	F1	1260	3614	F1	mg/Kg		120	90 - 110	4	20

Lab Sample ID: MB 880-94690/1-A

Matrix: Solid

Analysis Batch: 94742

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/04/24 21:31	1

Lab Sample ID: LCS 880-94690/2-A

Matrix: Solid

Analysis Batch: 94742

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-94690/3-A

Matrix: Solid

Analysis Batch: 94742

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.5		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-50550-21 MS

Matrix: Solid

Analysis Batch: 94742

Client Sample ID: S-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	60.6	F1	250	338.2	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-50550-21 MSD

Matrix: Solid

Analysis Batch: 94742

Client Sample ID: S-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	60.6	F1	250	337.9	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: 880-50550-31 MS

Matrix: Solid

Analysis Batch: 94742

Client Sample ID: S-6 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1240	F1	1250	2696	F1	mg/Kg		116	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-50550-31 MSD							Client Sample ID: S-6 (4')					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 94742												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	1240	F1	1250	2680	F1	mg/Kg		115	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

GC VOA

Analysis Batch: 94485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Total/NA	Solid	8021B	94616
880-50550-2	S-1 (1.5')	Total/NA	Solid	8021B	94616
880-50550-3	S-1 (2')	Total/NA	Solid	8021B	94616
880-50550-4	S-2 (0-1')	Total/NA	Solid	8021B	94616
880-50550-5	S-2 (1.5')	Total/NA	Solid	8021B	94616
880-50550-6	S-2 (2')	Total/NA	Solid	8021B	94616
880-50550-7	S-2 (3')	Total/NA	Solid	8021B	94616
880-50550-8	S-2 (4')	Total/NA	Solid	8021B	94616
880-50550-9	S-2 (5')	Total/NA	Solid	8021B	94616
880-50550-10	S-3 (0-1')	Total/NA	Solid	8021B	94616
880-50550-11	S-3 (1.5')	Total/NA	Solid	8021B	94616
880-50550-12	S-3 (2')	Total/NA	Solid	8021B	94616
880-50550-13	S-3 (3')	Total/NA	Solid	8021B	94616
880-50550-14	S-3 (4')	Total/NA	Solid	8021B	94616
880-50550-15	S-3 (5')	Total/NA	Solid	8021B	94616
880-50550-16	S-4 (0-1')	Total/NA	Solid	8021B	94616
880-50550-17	S-4 (1.5')	Total/NA	Solid	8021B	94616
880-50550-18	S-4 (2')	Total/NA	Solid	8021B	94616
880-50550-19	S-4 (3')	Total/NA	Solid	8021B	94616
880-50550-20	S-4 (4')	Total/NA	Solid	8021B	94616
MB 880-94585/5-A	Method Blank	Total/NA	Solid	8021B	94585
MB 880-94616/5-A	Method Blank	Total/NA	Solid	8021B	94616
LCS 880-94616/1-A	Lab Control Sample	Total/NA	Solid	8021B	94616
LCSD 880-94616/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94616
880-50550-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	94616
880-50550-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	94616

Prep Batch: 94585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94585/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 94616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Total/NA	Solid	5035	
880-50550-2	S-1 (1.5')	Total/NA	Solid	5035	
880-50550-3	S-1 (2')	Total/NA	Solid	5035	
880-50550-4	S-2 (0-1')	Total/NA	Solid	5035	
880-50550-5	S-2 (1.5')	Total/NA	Solid	5035	
880-50550-6	S-2 (2')	Total/NA	Solid	5035	
880-50550-7	S-2 (3')	Total/NA	Solid	5035	
880-50550-8	S-2 (4')	Total/NA	Solid	5035	
880-50550-9	S-2 (5')	Total/NA	Solid	5035	
880-50550-10	S-3 (0-1')	Total/NA	Solid	5035	
880-50550-11	S-3 (1.5')	Total/NA	Solid	5035	
880-50550-12	S-3 (2')	Total/NA	Solid	5035	
880-50550-13	S-3 (3')	Total/NA	Solid	5035	
880-50550-14	S-3 (4')	Total/NA	Solid	5035	
880-50550-15	S-3 (5')	Total/NA	Solid	5035	
880-50550-16	S-4 (0-1')	Total/NA	Solid	5035	
880-50550-17	S-4 (1.5')	Total/NA	Solid	5035	
880-50550-18	S-4 (2')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

GC VOA (Continued)

Prep Batch: 94616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-19	S-4 (3')	Total/NA	Solid	5035	
880-50550-20	S-4 (4')	Total/NA	Solid	5035	
MB 880-94616/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94616/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94616/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50550-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-50550-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 94619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-21	S-5 (0-1')	Total/NA	Solid	5035	
880-50550-22	S-5 (1.5')	Total/NA	Solid	5035	
880-50550-23	S-5 (2')	Total/NA	Solid	5035	
880-50550-24	S-5 (3')	Total/NA	Solid	5035	
880-50550-25	S-5 (4')	Total/NA	Solid	5035	
880-50550-26	S-5 (5')	Total/NA	Solid	5035	
880-50550-27	S-6 (0-1')	Total/NA	Solid	5035	
880-50550-28	S-6 (1.5')	Total/NA	Solid	5035	
880-50550-29	S-6 (2')	Total/NA	Solid	5035	
880-50550-30	S-6 (3')	Total/NA	Solid	5035	
880-50550-31	S-6 (4')	Total/NA	Solid	5035	
880-50550-32	S-6 (5')	Total/NA	Solid	5035	
MB 880-94619/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94619/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94619/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50550-21 MS	S-5 (0-1')	Total/NA	Solid	5035	
880-50550-21 MSD	S-5 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 94685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-21	S-5 (0-1')	Total/NA	Solid	8021B	94619
880-50550-22	S-5 (1.5')	Total/NA	Solid	8021B	94619
880-50550-23	S-5 (2')	Total/NA	Solid	8021B	94619
880-50550-24	S-5 (3')	Total/NA	Solid	8021B	94619
880-50550-25	S-5 (4')	Total/NA	Solid	8021B	94619
880-50550-26	S-5 (5')	Total/NA	Solid	8021B	94619
880-50550-27	S-6 (0-1')	Total/NA	Solid	8021B	94619
880-50550-28	S-6 (1.5')	Total/NA	Solid	8021B	94619
880-50550-29	S-6 (2')	Total/NA	Solid	8021B	94619
880-50550-30	S-6 (3')	Total/NA	Solid	8021B	94619
880-50550-31	S-6 (4')	Total/NA	Solid	8021B	94619
880-50550-32	S-6 (5')	Total/NA	Solid	8021B	94619
MB 880-94619/5-A	Method Blank	Total/NA	Solid	8021B	94619
LCS 880-94619/1-A	Lab Control Sample	Total/NA	Solid	8021B	94619
LCSD 880-94619/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94619
880-50550-21 MS	S-5 (0-1')	Total/NA	Solid	8021B	94619
880-50550-21 MSD	S-5 (0-1')	Total/NA	Solid	8021B	94619

Analysis Batch: 94780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

GC VOA (Continued)

Analysis Batch: 94780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-50550-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-50550-4	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-50550-5	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-50550-6	S-2 (2')	Total/NA	Solid	Total BTEX	
880-50550-7	S-2 (3')	Total/NA	Solid	Total BTEX	
880-50550-8	S-2 (4')	Total/NA	Solid	Total BTEX	
880-50550-9	S-2 (5')	Total/NA	Solid	Total BTEX	
880-50550-10	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-50550-11	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-50550-12	S-3 (2')	Total/NA	Solid	Total BTEX	
880-50550-13	S-3 (3')	Total/NA	Solid	Total BTEX	
880-50550-14	S-3 (4')	Total/NA	Solid	Total BTEX	
880-50550-15	S-3 (5')	Total/NA	Solid	Total BTEX	
880-50550-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-50550-17	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-50550-18	S-4 (2')	Total/NA	Solid	Total BTEX	
880-50550-19	S-4 (3')	Total/NA	Solid	Total BTEX	
880-50550-20	S-4 (4')	Total/NA	Solid	Total BTEX	
880-50550-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-50550-22	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-50550-23	S-5 (2')	Total/NA	Solid	Total BTEX	
880-50550-24	S-5 (3')	Total/NA	Solid	Total BTEX	
880-50550-25	S-5 (4')	Total/NA	Solid	Total BTEX	
880-50550-26	S-5 (5')	Total/NA	Solid	Total BTEX	
880-50550-27	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-50550-28	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-50550-29	S-6 (2')	Total/NA	Solid	Total BTEX	
880-50550-30	S-6 (3')	Total/NA	Solid	Total BTEX	
880-50550-31	S-6 (4')	Total/NA	Solid	Total BTEX	
880-50550-32	S-6 (5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 94642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-50550-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-50550-4	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-5	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-50550-6	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-50550-7	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-50550-8	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-50550-9	S-2 (5')	Total/NA	Solid	8015NM Prep	
880-50550-10	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-11	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-50550-12	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-50550-13	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-50550-14	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-50550-15	S-3 (5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

GC Semi VOA (Continued)

Prep Batch: 94642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-17	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-50550-18	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-50550-19	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-50550-20	S-4 (4')	Total/NA	Solid	8015NM Prep	
MB 880-94642/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94642/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94642/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50550-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 94643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-22	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-50550-23	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-50550-24	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-50550-25	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-50550-26	S-5 (5')	Total/NA	Solid	8015NM Prep	
880-50550-27	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-28	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-50550-29	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-50550-30	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-50550-31	S-6 (4')	Total/NA	Solid	8015NM Prep	
880-50550-32	S-6 (5')	Total/NA	Solid	8015NM Prep	
MB 880-94643/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94643/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94643/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50550-21 MS	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-50550-21 MSD	S-5 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Total/NA	Solid	8015B NM	94642
880-50550-2	S-1 (1.5')	Total/NA	Solid	8015B NM	94642
880-50550-3	S-1 (2')	Total/NA	Solid	8015B NM	94642
880-50550-4	S-2 (0-1')	Total/NA	Solid	8015B NM	94642
880-50550-5	S-2 (1.5')	Total/NA	Solid	8015B NM	94642
880-50550-6	S-2 (2')	Total/NA	Solid	8015B NM	94642
880-50550-7	S-2 (3')	Total/NA	Solid	8015B NM	94642
880-50550-8	S-2 (4')	Total/NA	Solid	8015B NM	94642
880-50550-9	S-2 (5')	Total/NA	Solid	8015B NM	94642
880-50550-10	S-3 (0-1')	Total/NA	Solid	8015B NM	94642
880-50550-11	S-3 (1.5')	Total/NA	Solid	8015B NM	94642
880-50550-12	S-3 (2')	Total/NA	Solid	8015B NM	94642
880-50550-13	S-3 (3')	Total/NA	Solid	8015B NM	94642
880-50550-14	S-3 (4')	Total/NA	Solid	8015B NM	94642
880-50550-15	S-3 (5')	Total/NA	Solid	8015B NM	94642
880-50550-16	S-4 (0-1')	Total/NA	Solid	8015B NM	94642
880-50550-17	S-4 (1.5')	Total/NA	Solid	8015B NM	94642
880-50550-18	S-4 (2')	Total/NA	Solid	8015B NM	94642

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

GC Semi VOA (Continued)

Analysis Batch: 94750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-19	S-4 (3')	Total/NA	Solid	8015B NM	94642
880-50550-20	S-4 (4')	Total/NA	Solid	8015B NM	94642
MB 880-94642/1-A	Method Blank	Total/NA	Solid	8015B NM	94642
LCS 880-94642/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94642
LCSD 880-94642/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94642
880-50550-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	94642
880-50550-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	94642

Analysis Batch: 94752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-21	S-5 (0-1')	Total/NA	Solid	8015B NM	94643
880-50550-22	S-5 (1.5')	Total/NA	Solid	8015B NM	94643
880-50550-23	S-5 (2')	Total/NA	Solid	8015B NM	94643
880-50550-24	S-5 (3')	Total/NA	Solid	8015B NM	94643
880-50550-25	S-5 (4')	Total/NA	Solid	8015B NM	94643
880-50550-26	S-5 (5')	Total/NA	Solid	8015B NM	94643
880-50550-27	S-6 (0-1')	Total/NA	Solid	8015B NM	94643
880-50550-28	S-6 (1.5')	Total/NA	Solid	8015B NM	94643
880-50550-29	S-6 (2')	Total/NA	Solid	8015B NM	94643
880-50550-30	S-6 (3')	Total/NA	Solid	8015B NM	94643
880-50550-31	S-6 (4')	Total/NA	Solid	8015B NM	94643
880-50550-32	S-6 (5')	Total/NA	Solid	8015B NM	94643
MB 880-94643/1-A	Method Blank	Total/NA	Solid	8015B NM	94643
LCS 880-94643/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94643
LCSD 880-94643/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94643
880-50550-21 MS	S-5 (0-1')	Total/NA	Solid	8015B NM	94643
880-50550-21 MSD	S-5 (0-1')	Total/NA	Solid	8015B NM	94643

Analysis Batch: 94920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-50550-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-50550-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-50550-4	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-50550-5	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-50550-6	S-2 (2')	Total/NA	Solid	8015 NM	
880-50550-7	S-2 (3')	Total/NA	Solid	8015 NM	
880-50550-8	S-2 (4')	Total/NA	Solid	8015 NM	
880-50550-9	S-2 (5')	Total/NA	Solid	8015 NM	
880-50550-10	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-50550-11	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-50550-12	S-3 (2')	Total/NA	Solid	8015 NM	
880-50550-13	S-3 (3')	Total/NA	Solid	8015 NM	
880-50550-14	S-3 (4')	Total/NA	Solid	8015 NM	
880-50550-15	S-3 (5')	Total/NA	Solid	8015 NM	
880-50550-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-50550-17	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-50550-18	S-4 (2')	Total/NA	Solid	8015 NM	
880-50550-19	S-4 (3')	Total/NA	Solid	8015 NM	
880-50550-20	S-4 (4')	Total/NA	Solid	8015 NM	
880-50550-21	S-5 (0-1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

GC Semi VOA (Continued)

Analysis Batch: 94920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-22	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-50550-23	S-5 (2')	Total/NA	Solid	8015 NM	
880-50550-24	S-5 (3')	Total/NA	Solid	8015 NM	
880-50550-25	S-5 (4')	Total/NA	Solid	8015 NM	
880-50550-26	S-5 (5')	Total/NA	Solid	8015 NM	
880-50550-27	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-50550-28	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-50550-29	S-6 (2')	Total/NA	Solid	8015 NM	
880-50550-30	S-6 (3')	Total/NA	Solid	8015 NM	
880-50550-31	S-6 (4')	Total/NA	Solid	8015 NM	
880-50550-32	S-6 (5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 94689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-50550-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-50550-3	S-1 (2')	Soluble	Solid	DI Leach	
880-50550-4	S-2 (0-1')	Soluble	Solid	DI Leach	
880-50550-5	S-2 (1.5')	Soluble	Solid	DI Leach	
880-50550-6	S-2 (2')	Soluble	Solid	DI Leach	
880-50550-7	S-2 (3')	Soluble	Solid	DI Leach	
880-50550-8	S-2 (4')	Soluble	Solid	DI Leach	
880-50550-9	S-2 (5')	Soluble	Solid	DI Leach	
880-50550-10	S-3 (0-1')	Soluble	Solid	DI Leach	
880-50550-11	S-3 (1.5')	Soluble	Solid	DI Leach	
880-50550-12	S-3 (2')	Soluble	Solid	DI Leach	
880-50550-13	S-3 (3')	Soluble	Solid	DI Leach	
880-50550-14	S-3 (4')	Soluble	Solid	DI Leach	
880-50550-15	S-3 (5')	Soluble	Solid	DI Leach	
880-50550-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-50550-17	S-4 (1.5')	Soluble	Solid	DI Leach	
880-50550-18	S-4 (2')	Soluble	Solid	DI Leach	
880-50550-19	S-4 (3')	Soluble	Solid	DI Leach	
880-50550-20	S-4 (4')	Soluble	Solid	DI Leach	
MB 880-94689/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94689/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94689/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50550-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-50550-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-50550-11 MS	S-3 (1.5')	Soluble	Solid	DI Leach	
880-50550-11 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 94690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-21	S-5 (0-1')	Soluble	Solid	DI Leach	
880-50550-22	S-5 (1.5')	Soluble	Solid	DI Leach	
880-50550-23	S-5 (2')	Soluble	Solid	DI Leach	
880-50550-24	S-5 (3')	Soluble	Solid	DI Leach	
880-50550-25	S-5 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

HPLC/IC (Continued)

Leach Batch: 94690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-26	S-5 (5')	Soluble	Solid	DI Leach	
880-50550-27	S-6 (0-1')	Soluble	Solid	DI Leach	
880-50550-28	S-6 (1.5')	Soluble	Solid	DI Leach	
880-50550-29	S-6 (2')	Soluble	Solid	DI Leach	
880-50550-30	S-6 (3')	Soluble	Solid	DI Leach	
880-50550-31	S-6 (4')	Soluble	Solid	DI Leach	
880-50550-32	S-6 (5')	Soluble	Solid	DI Leach	
MB 880-94690/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94690/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94690/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50550-21 MS	S-5 (0-1')	Soluble	Solid	DI Leach	
880-50550-21 MSD	S-5 (0-1')	Soluble	Solid	DI Leach	
880-50550-31 MS	S-6 (4')	Soluble	Solid	DI Leach	
880-50550-31 MSD	S-6 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 94741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-1	S-1 (0-1')	Soluble	Solid	300.0	94689
880-50550-2	S-1 (1.5')	Soluble	Solid	300.0	94689
880-50550-3	S-1 (2')	Soluble	Solid	300.0	94689
880-50550-4	S-2 (0-1')	Soluble	Solid	300.0	94689
880-50550-5	S-2 (1.5')	Soluble	Solid	300.0	94689
880-50550-6	S-2 (2')	Soluble	Solid	300.0	94689
880-50550-7	S-2 (3')	Soluble	Solid	300.0	94689
880-50550-8	S-2 (4')	Soluble	Solid	300.0	94689
880-50550-9	S-2 (5')	Soluble	Solid	300.0	94689
880-50550-10	S-3 (0-1')	Soluble	Solid	300.0	94689
880-50550-11	S-3 (1.5')	Soluble	Solid	300.0	94689
880-50550-12	S-3 (2')	Soluble	Solid	300.0	94689
880-50550-13	S-3 (3')	Soluble	Solid	300.0	94689
880-50550-14	S-3 (4')	Soluble	Solid	300.0	94689
880-50550-15	S-3 (5')	Soluble	Solid	300.0	94689
880-50550-16	S-4 (0-1')	Soluble	Solid	300.0	94689
880-50550-17	S-4 (1.5')	Soluble	Solid	300.0	94689
880-50550-18	S-4 (2')	Soluble	Solid	300.0	94689
880-50550-19	S-4 (3')	Soluble	Solid	300.0	94689
880-50550-20	S-4 (4')	Soluble	Solid	300.0	94689
MB 880-94689/1-A	Method Blank	Soluble	Solid	300.0	94689
LCS 880-94689/2-A	Lab Control Sample	Soluble	Solid	300.0	94689
LCSD 880-94689/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94689
880-50550-1 MS	S-1 (0-1')	Soluble	Solid	300.0	94689
880-50550-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	94689
880-50550-11 MS	S-3 (1.5')	Soluble	Solid	300.0	94689
880-50550-11 MSD	S-3 (1.5')	Soluble	Solid	300.0	94689

Analysis Batch: 94742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-21	S-5 (0-1')	Soluble	Solid	300.0	94690
880-50550-22	S-5 (1.5')	Soluble	Solid	300.0	94690
880-50550-23	S-5 (2')	Soluble	Solid	300.0	94690
880-50550-24	S-5 (3')	Soluble	Solid	300.0	94690

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

HPLC/IC (Continued)

Analysis Batch: 94742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50550-25	S-5 (4')	Soluble	Solid	300.0	94690
880-50550-26	S-5 (5')	Soluble	Solid	300.0	94690
880-50550-27	S-6 (0-1')	Soluble	Solid	300.0	94690
880-50550-28	S-6 (1.5')	Soluble	Solid	300.0	94690
880-50550-29	S-6 (2')	Soluble	Solid	300.0	94690
880-50550-30	S-6 (3')	Soluble	Solid	300.0	94690
880-50550-31	S-6 (4')	Soluble	Solid	300.0	94690
880-50550-32	S-6 (5')	Soluble	Solid	300.0	94690
MB 880-94690/1-A	Method Blank	Soluble	Solid	300.0	94690
LCS 880-94690/2-A	Lab Control Sample	Soluble	Solid	300.0	94690
LCSD 880-94690/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94690
880-50550-21 MS	S-5 (0-1')	Soluble	Solid	300.0	94690
880-50550-21 MSD	S-5 (0-1')	Soluble	Solid	300.0	94690
880-50550-31 MS	S-6 (4')	Soluble	Solid	300.0	94690
880-50550-31 MSD	S-6 (4')	Soluble	Solid	300.0	94690

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-1 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/01/24 22:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 15:49	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 15:49	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 12:59	CH	EET MID

Client Sample ID: S-1 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 23:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/01/24 23:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 16:39	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 16:39	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 13:19	CH	EET MID

Client Sample ID: S-1 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/01/24 23:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 16:55	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 16:55	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 13:25	CH	EET MID

Client Sample ID: S-2 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/01/24 23:53	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-2 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94920	11/04/24 17:12	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 17:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 13:32	CH	EET MID

Client Sample ID: S-2 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.91 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 00:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 17:28	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 17:28	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 13:38	CH	EET MID

Client Sample ID: S-2 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 00:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 17:45	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 17:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 13:58	CH	EET MID

Client Sample ID: S-2 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 00:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:01	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 18:01	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-2 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 14:05	CH	EET MID

Client Sample ID: S-2 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 01:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:18	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 18:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 14:11	CH	EET MID

Client Sample ID: S-2 (5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 01:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:33	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 14:18	CH	EET MID

Client Sample ID: S-3 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 01:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:51	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 18:51	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 14:24	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-3 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 03:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 19:23	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 19:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 14:31	CH	EET MID

Client Sample ID: S-3 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 03:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 19:39	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 19:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 14:51	CH	EET MID

Client Sample ID: S-3 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 04:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 19:56	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 19:56	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 14:57	CH	EET MID

Client Sample ID: S-3 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 04:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-3 (4')

Date Collected: 10/30/24 00:00

Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94920	11/04/24 20:13	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 20:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 15:17	CH	EET MID

Client Sample ID: S-3 (5')

Date Collected: 10/30/24 00:00

Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 04:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 20:29	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 20:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 15:23	CH	EET MID

Client Sample ID: S-4 (0-1')

Date Collected: 10/30/24 00:00

Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 05:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 05:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 20:46	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 20:46	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 15:30	CH	EET MID

Client Sample ID: S-4 (1.5')

Date Collected: 10/30/24 00:00

Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 05:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 05:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 21:02	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 21:02	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-4 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 15:37	CH	EET MID

Client Sample ID: S-4 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 05:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 21:19	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 21:19	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94741	11/04/24 15:43	CH	EET MID

Client Sample ID: S-4 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 06:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 06:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 21:35	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 21:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 15:50	CH	EET MID

Client Sample ID: S-4 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94616	11/01/24 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/02/24 06:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 06:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 21:51	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94642	11/01/24 15:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94750	11/04/24 21:51	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94689	11/02/24 16:57	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94741	11/04/24 15:56	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 15:49	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 15:49	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 21:45	CH	EET MID

Client Sample ID: S-5 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 16:39	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 16:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:00	CH	EET MID

Client Sample ID: S-5 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 14:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 16:55	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 16:55	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:05	CH	EET MID

Client Sample ID: S-5 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 14:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-5 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94920	11/04/24 17:12	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 17:12	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:10	CH	EET MID

Client Sample ID: S-5 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.91 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 17:28	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 17:28	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:14	CH	EET MID

Client Sample ID: S-5 (5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 15:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 17:45	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 17:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:29	CH	EET MID

Client Sample ID: S-6 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 15:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:01	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 18:01	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-6 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:33	CH	EET MID

Client Sample ID: S-6 (1.5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 16:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:18	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 18:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94742	11/04/24 22:38	CH	EET MID

Client Sample ID: S-6 (2')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 16:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:33	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94742	11/04/24 22:43	CH	EET MID

Client Sample ID: S-6 (3')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 18:51	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 18:51	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94742	11/04/24 22:48	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Client Sample ID: S-6 (4')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 18:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 19:23	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 19:23	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94742	11/04/24 22:53	CH	EET MID

Client Sample ID: S-6 (5')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50550-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	94619	11/01/24 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94685	11/02/24 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94780	11/02/24 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			94920	11/04/24 19:39	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	94643	11/01/24 15:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94752	11/04/24 19:39	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94690	11/02/24 17:00	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94742	11/04/24 23:07	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50550-1
SDG: Lea Coutny New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-50550-1	S-1 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-2	S-1 (1.5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-3	S-1 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-4	S-2 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-5	S-2 (1.5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-6	S-2 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-7	S-2 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-8	S-2 (4')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-9	S-2 (5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-10	S-3 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-11	S-3 (1.5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-12	S-3 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-13	S-3 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-14	S-3 (4')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-15	S-3 (5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-16	S-4 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-17	S-4 (1.5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-18	S-4 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-19	S-4 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-20	S-4 (4')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-21	S-5 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-22	S-5 (1.5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-23	S-5 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-24	S-5 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-25	S-5 (4')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-26	S-5 (5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-27	S-6 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-28	S-6 (1.5')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-29	S-6 (2')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-30	S-6 (3')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-31	S-6 (4')	Solid	10/30/24 00:00	10/31/24 15:44
880-50550-32	S-6 (5')	Solid	10/30/24 00:00	10/31/24 15:44



Chain of Custody



880-50550 Chain of Custody

11/5/2024

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Released to Imaging: 8/6/2025 9:35:35 AM

Project Manager: Devin Dominguez		Bill to: (if different) Carmona Resources	
Company Name: Carmona Resources		Company Name:	
Address: 310 W Wall St Ste 500		Address:	
City, State ZIP: Midland, TX 79701		City, State ZIP:	
Phone: 432-701-5475		Email: mcarmona@carmonaresources.com	

Work Order Comments									
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐									
State of Project:									
Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐									
Deliverables: ☐ EDD ☐ ADaPT ☐ Other:									

Project Name: Floofy Cat Offsite PW Spill		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes										
Project Number: 2559		☒ Routine ☐ Rush																			None: NO DI Water: H ₂ O										
Project Location: Lea County, New Mexico		Due Date: Standard																			Cool: Cool MeOH: Me										
Sampler's Name: CMM																					HCL: HC HNO ₃ : HN										
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank: Yes No		Yes No		Wet Ice: Yes No																				H ₃ PO ₄ : HP					
Received Intact: Yes No		Thermometer ID: 528																								NaHSO ₄ : NABIS					
Cooler Custody Seals: Yes No N/A		Correction Factor: -10																								Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals: Yes No N/A		Temperature Reading: 1.0																								Zn Acetate+NaOH: Zn					
Total Containers:		Corrected Temperature: 0.9																								NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
S-1 (0-1')		10/30/2024				X				G		1		X X X																	
S-1 (1.5')		10/30/2024				X				G		1		X X X																	
S-1 (2')		10/30/2024				X				G		1		X X X																	
S-2 (0-1')		10/30/2024				X				G		1		X X X																	
S-2 (1.5')		10/30/2024				X				G		1		X X X																	
S-2 (2')		10/30/2024				X				G		1		X X X																	
S-2 (3')		10/30/2024				X				G		1		X X X																	
S-2 (4')		10/30/2024				X				G		1		X X X																	
S-2 (5')		10/30/2024				X				G		1		X X X																	
S-3 (0-1')		10/30/2024				X				G		1		X X X																	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Com [Signature]		10/31/24 1532		[Signature]		10-31-24 1544	

Chain of Custody

Work Order No: _____

Page 2 of 4

Project Manager:	Devin Dominguez		Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources		Company Name:	
Address:	310 W Wall St Ste 500		Address:	
City, State ZIP:	Midland, TX 79701		City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@carmonaresources.com	

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADaPT ☐ Other:

[illegible]

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Connie Poling</i>	10/3/12 1532	<i>[Signature]</i>	10-31-29 1514

Chain of Custody

Work Order No: _____

Page 3 of 4

Project Manager: Devin Dominguez		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-701-5475		Email: mcarmona@carmonaresources.com			

Project Name: Floofy Cat Offsite PW Spill										Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number: 2559										☒ Routine ☐ Rush												None: NO DI Water: H ₂ O			
Project Location: Lea County, New Mexico										Due Date:		Standard										Cool: Cool MeOH: Me			
Sampler's Name: CMM																						HCL: HC HNO ₃ : HN			
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0										H ₃ PO ₄ : HP					
Received Intact:		Yes No		N/A		Thermometer ID:														NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No		N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No		N/A		Temperature Reading:														Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:														NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
S-5 (0-1')		10/30/2024				X				G		1		X X X											
S-5 (1.5')		10/30/2024				X				G		1		X X X											
S-5 (2')		10/30/2024				X				G		1		X X X											
S-5 (3')		10/30/2024				X				G		1		X X X											
S-5 (4')		10/30/2024				X				G		1		X X X											
S-5 (5')		10/30/2024				X				G		1		X X X											
S-6 (0-1')		10/30/2024				X				G		1		X X X											
S-6 (1.5')		10/30/2024				X				G		1		X X X											
S-6 (2')		10/30/2024				X				G		1		X X X											
S-6 (3')		10/30/2024				X				G		1		X X X											

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		10/31/24 1532				10-31-24 1544	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-50550-1

SDG Number: Lea Coutny New Mexico

Login Number: 50550

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/6/2024 2:18:49 PM

JOB DESCRIPTION

Floofy Cat Offsite PW Spill
Lea County, New Mexico

JOB NUMBER

880-50562-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
11/6/2024 2:18:49 PM

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

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Laboratory Job ID: 880-50562-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1

Job ID: 880-50562-1

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Job Narrative
880-50562-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 10/31/2024 3:44 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 0.9°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-1') (880-50562-1), H-2 (0-1') (880-50562-2), H-3 (0-1') (880-50562-3), H-4 (0-1') (880-50562-4), H-5 (0-1') (880-50562-5) and H-6 (0-1') (880-50562-6).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-94586 and 880-94622 and analytical batch 880-94577 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94622 and analytical batch 880-94577 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-1 (0-1') (880-50562-1) and H-5 (0-1') (880-50562-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-94644/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-94644/2-A) and (LCSD 880-94644/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-94555 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-94555 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-94644 and analytical batch 880-94555 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94754 and analytical batch 880-94995 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94754 and

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Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1

Job ID: 880-50562-1 (Continued) **Eurofins Midland**

analytical batch 880-94995 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-50562-1

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 04:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 04:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 04:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:50	11/02/24 04:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 04:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:50	11/02/24 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	320	S1+	70 - 130	11/01/24 11:50	11/02/24 04:41	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/01/24 11:50	11/02/24 04:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/05/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/04/24 09:54	11/05/24 18:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/04/24 09:54	11/05/24 18:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/04/24 09:54	11/05/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	11/04/24 09:54	11/05/24 18:50	1
o-Terphenyl	95		70 - 130	11/04/24 09:54	11/05/24 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.4		9.90		mg/Kg			11/04/24 19:40	1

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

Lab Sample ID: 880-50562-2

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/04/24 09:26	11/04/24 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/04/24 09:26	11/04/24 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/04/24 09:26	11/04/24 17:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/04/24 09:26	11/04/24 17:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-50562-2

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/04/24 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/05/24 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/24 09:54	11/05/24 19:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/24 09:54	11/05/24 19:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/24 09:54	11/05/24 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				11/04/24 09:54	11/05/24 19:07	1
o-Terphenyl	87		70 - 130				11/04/24 09:54	11/05/24 19:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.1		9.90		mg/Kg			11/04/24 19:46	1

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

Lab Sample ID: 880-50562-3

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 05:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 05:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 05:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/02/24 05:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 05:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/02/24 05:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/01/24 11:50	11/02/24 05:22	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/01/24 11:50	11/02/24 05:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/02/24 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/05/24 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/04/24 09:54	11/05/24 19:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/04/24 09:54	11/05/24 19:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-50562-3

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/04/24 09:54	11/05/24 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				11/04/24 09:54	11/05/24 19:22	1
o-Terphenyl	90		70 - 130				11/04/24 09:54	11/05/24 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.7		9.90		mg/Kg			11/05/24 00:34	1

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-50562-4

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/04/24 09:26	11/04/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/04/24 09:26	11/04/24 17:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/04/24 09:26	11/04/24 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				11/04/24 09:26	11/04/24 17:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/04/24 09:26	11/04/24 17:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/04/24 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/05/24 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/04/24 09:54	11/05/24 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/04/24 09:54	11/05/24 19:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/04/24 09:54	11/05/24 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				11/04/24 09:54	11/05/24 19:36	1
o-Terphenyl	88		70 - 130				11/04/24 09:54	11/05/24 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		9.96		mg/Kg			11/05/24 00:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Client Sample ID: H-5 (0-1')

Lab Sample ID: 880-50562-5

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/01/24 11:50	11/02/24 06:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/01/24 11:50	11/02/24 06:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130				11/01/24 11:50	11/02/24 06:03	1
1,4-Difluorobenzene (Surr)	126		70 - 130				11/01/24 11:50	11/02/24 06:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/02/24 06:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/02/24 05:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/01/24 17:11	11/02/24 05:58	1
Diesel Range Organics (Over C10-C28)	<50.3	U *1	50.3		mg/Kg		11/01/24 17:11	11/02/24 05:58	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/01/24 17:11	11/02/24 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				11/01/24 17:11	11/02/24 05:58	1
o-Terphenyl	114		70 - 130				11/01/24 17:11	11/02/24 05:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.7		10.1		mg/Kg			11/05/24 00:53	1

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-50562-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/02/24 06:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/02/24 06:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/02/24 06:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				11/01/24 11:50	11/02/24 06:24	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/01/24 11:50	11/02/24 06:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-50562-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/02/24 06:24	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			11/02/24 06:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/01/24 17:11	11/02/24 06:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		11/01/24 17:11	11/02/24 06:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/01/24 17:11	11/02/24 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	11/01/24 17:11	11/02/24 06:14	1
o-Terphenyl	108		70 - 130	11/01/24 17:11	11/02/24 06:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.9		10.0		mg/Kg			11/05/24 00:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-50548-A-21-C MS	Matrix Spike	112	112
880-50548-A-21-D MSD	Matrix Spike Duplicate	109	109
880-50562-1	H-1 (0-1')	320 S1+	83
880-50562-2	H-2 (0-1')	115	100
880-50562-3	H-3 (0-1')	104	99
880-50562-4	H-4 (0-1')	115	100
880-50562-5	H-5 (0-1')	175 S1+	126
880-50562-6	H-6 (0-1')	115	107
880-50569-A-61-A MS	Matrix Spike	106	97
880-50569-A-61-B MSD	Matrix Spike Duplicate	108	97
LCS 880-94622/1-A	Lab Control Sample	100	105
LCS 880-94641/1-A	Lab Control Sample	107	97
LCSD 880-94622/2-A	Lab Control Sample Dup	96	102
LCSD 880-94641/2-A	Lab Control Sample Dup	108	97
MB 880-94586/5-A	Method Blank	172 S1+	119
MB 880-94622/5-A	Method Blank	146 S1+	96
MB 880-94641/5-A	Method Blank	110	99
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-50551-A-1-E MS	Matrix Spike	102	103
880-50551-A-1-F MSD	Matrix Spike Duplicate	102	102
880-50551-A-17-E MS	Matrix Spike	87	76
880-50551-A-17-F MSD	Matrix Spike Duplicate	87	75
880-50562-1	H-1 (0-1')	94	95
880-50562-2	H-2 (0-1')	88	87
880-50562-3	H-3 (0-1')	91	90
880-50562-4	H-4 (0-1')	91	88
880-50562-5	H-5 (0-1')	121	114
880-50562-6	H-6 (0-1')	116	108
LCS 880-94644/2-A	Lab Control Sample	137 S1+	139 S1+
LCS 880-94754/2-A	Lab Control Sample	105	95
LCSD 880-94644/3-A	Lab Control Sample Dup	163 S1+	164 S1+
LCSD 880-94754/3-A	Lab Control Sample Dup	105	95
MB 880-94644/1-A	Method Blank	169 S1+	157 S1+
MB 880-94754/1-A	Method Blank	73	72
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94586/5-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94586

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:42	11/01/24 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:42	11/01/24 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130	11/01/24 09:42	11/01/24 11:42	1
1,4-Difluorobenzene (Surr)	119		70 - 130	11/01/24 09:42	11/01/24 11:42	1

Lab Sample ID: MB 880-94622/5-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94622

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 11:50	11/01/24 23:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 11:50	11/01/24 23:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	11/01/24 11:50	11/01/24 23:19	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/01/24 11:50	11/01/24 23:19	1

Lab Sample ID: LCS 880-94622/1-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09797		mg/Kg		98	70 - 130
Toluene	0.100	0.08926		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08024		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1851		mg/Kg		93	70 - 130
o-Xylene	0.100	0.1075		mg/Kg		107	70 - 130

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

Lab Sample ID: LCSD 880-94622/2-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09072		mg/Kg		91	70 - 130	8	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-94622/2-A

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.08258		mg/Kg		83	70 - 130		8	35
Ethylbenzene	0.100	0.07736		mg/Kg		77	70 - 130		4	35
m-Xylene & p-Xylene	0.200	0.1735		mg/Kg		87	70 - 130		6	35
o-Xylene	0.100	0.09497		mg/Kg		95	70 - 130		12	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-50548-A-21-C MS

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00200	U	0.100	0.07117		mg/Kg		71	70 - 130	
Toluene	<0.00200	U F1	0.100	0.06286	F1	mg/Kg		63	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.05931	F1	mg/Kg		58	70 - 130	
m-Xylene & p-Xylene	0.00571	F1	0.200	0.1444	F1	mg/Kg		69	70 - 130	
o-Xylene	0.00264		0.100	0.08959		mg/Kg		87	70 - 130	

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

Lab Sample ID: 880-50548-A-21-D MSD

Matrix: Solid

Analysis Batch: 94577

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94622

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00200	U	0.100	0.08178		mg/Kg		82	70 - 130		14	35
Toluene	<0.00200	U F1	0.100	0.07328		mg/Kg		73	70 - 130		15	35
Ethylbenzene	<0.00200	U F1	0.100	0.06100	F1	mg/Kg		60	70 - 130		3	35
m-Xylene & p-Xylene	0.00571	F1	0.200	0.1475		mg/Kg		71	70 - 130		2	35
o-Xylene	0.00264		0.100	0.08792		mg/Kg		85	70 - 130		2	35

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

Lab Sample ID: MB 880-94641/5-A

Matrix: Solid

Analysis Batch: 94728

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94641

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 15:29	11/04/24 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 15:29	11/04/24 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 15:29	11/04/24 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 15:29	11/04/24 11:50	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-94641/5-A

Matrix: Solid

Analysis Batch: 94728

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 15:29	11/04/24 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 15:29	11/04/24 11:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				11/01/24 15:29	11/04/24 11:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/01/24 15:29	11/04/24 11:50	1

Lab Sample ID: LCS 880-94641/1-A

Matrix: Solid

Analysis Batch: 94728

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09466		mg/Kg		95	70 - 130
Toluene	0.100	0.1018		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09722		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1937		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09631		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	107		70 - 130				
1,4-Difluorobenzene (Surr)	97		70 - 130				

Lab Sample ID: LCSD 880-94641/2-A

Matrix: Solid

Analysis Batch: 94728

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94641

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09562		mg/Kg		96	70 - 130	1	35
Toluene	0.100	0.1029		mg/Kg		103	70 - 130	1	35
Ethylbenzene	0.100	0.09801		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1960		mg/Kg		98	70 - 130	1	35
o-Xylene	0.100	0.09791		mg/Kg		98	70 - 130	2	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-50569-A-61-A MS

Matrix: Solid

Analysis Batch: 94728

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94641

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09295		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.1004		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09566		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1915		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.100	0.09514		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-50569-A-61-A MS
Matrix: Solid
Analysis Batch: 94728

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94641

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-50569-A-61-B MSD
Matrix: Solid
Analysis Batch: 94728

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94641

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09222		mg/Kg		92	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09549		mg/Kg		95	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1913		mg/Kg		96	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09528		mg/Kg		95	70 - 130	0	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-94644/1-A
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/01/24 15:37	11/01/24 23:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/01/24 15:37	11/01/24 23:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/01/24 15:37	11/01/24 23:22	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	169	S1+	70 - 130	11/01/24 15:37	11/01/24 23:22	1			
o-Terphenyl	157	S1+	70 - 130	11/01/24 15:37	11/01/24 23:22	1			

Lab Sample ID: LCS 880-94644/2-A
Matrix: Solid
Analysis Batch: 94555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	921.0		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	819.4		mg/Kg		82	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	139	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-94644/3-A

Matrix: Solid

Analysis Batch: 94555

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94644

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1007	*1	mg/Kg		101	70 - 130	21	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	163	S1+	70 - 130						
o-Terphenyl	164	S1+	70 - 130						

Lab Sample ID: 880-50551-A-1-E MS

Matrix: Solid

Analysis Batch: 94555

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	966.3		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U *1	1000	1017		mg/Kg		99	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: 880-50551-A-1-F MSD

Matrix: Solid

Analysis Batch: 94555

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	1012		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.8	U *1	1000	1046		mg/Kg		101	70 - 130	3	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	102		70 - 130								

Lab Sample ID: MB 880-94754/1-A

Matrix: Solid

Analysis Batch: 94995

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94754

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/24 09:54	11/05/24 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/24 09:54	11/05/24 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/24 09:54	11/05/24 15:14	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-94754/1-A
Matrix: Solid
Analysis Batch: 94995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94754

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	11/04/24 09:54	11/05/24 15:14	1
o-Terphenyl	72		70 - 130	11/04/24 09:54	11/05/24 15:14	1

Lab Sample ID: LCS 880-94754/2-A
Matrix: Solid
Analysis Batch: 94995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94754

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	792.8		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	730.7		mg/Kg		73	70 - 130		
Surrogate		LCS	LCS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	95		70 - 130								

Lab Sample ID: LCSD 880-94754/3-A
Matrix: Solid
Analysis Batch: 94995

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94754

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	798.8		mg/Kg		80	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)			1000	708.9		mg/Kg		71	70 - 130	3	20	
Surrogate		LCSD	LCSD									
	%Recovery	Qualifier	Limits									
1-Chlorooctane	105		70 - 130									
o-Terphenyl	95		70 - 130									

Lab Sample ID: 880-50551-A-17-E MS
Matrix: Solid
Analysis Batch: 94995

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94754

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	746.9		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)	106	F1	997	703.4	F1	mg/Kg		60	70 - 130		
Surrogate		MS	MS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	76		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-50551-A-17-F MSD

Matrix: Solid

Analysis Batch: 94995

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94754

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	755.3		mg/Kg		76	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	106	F1	997	713.7	F1	mg/Kg		61	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94691/1-A

Matrix: Solid

Analysis Batch: 94746

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/04/24 16:29	1

Lab Sample ID: LCS 880-94691/2-A

Matrix: Solid

Analysis Batch: 94746

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.6		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-94691/3-A

Matrix: Solid

Analysis Batch: 94746

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	3	20

Lab Sample ID: 890-7323-A-1-B MS

Matrix: Solid

Analysis Batch: 94746

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	154		251	384.7		mg/Kg		92	90 - 110

Lab Sample ID: 890-7323-A-1-C MSD

Matrix: Solid

Analysis Batch: 94746

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	154		251	398.6		mg/Kg		98	90 - 110	4	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-94692/1-A

Matrix: Solid

Analysis Batch: 94761

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/05/24 00:19	1

Lab Sample ID: LCS 880-94692/2-A

Matrix: Solid

Analysis Batch: 94761

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-94692/3-A

Matrix: Solid

Analysis Batch: 94761

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.1		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-50562-3 MS

Matrix: Solid

Analysis Batch: 94761

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	69.7		248	328.4		mg/Kg		105	90 - 110

Lab Sample ID: 880-50562-3 MSD

Matrix: Solid

Analysis Batch: 94761

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	69.7		248	326.8		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 94577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Total/NA	Solid	8021B	94622
880-50562-3	H-3 (0-1')	Total/NA	Solid	8021B	94622
880-50562-5	H-5 (0-1')	Total/NA	Solid	8021B	94622
880-50562-6	H-6 (0-1')	Total/NA	Solid	8021B	94622
MB 880-94586/5-A	Method Blank	Total/NA	Solid	8021B	94586
MB 880-94622/5-A	Method Blank	Total/NA	Solid	8021B	94622
LCS 880-94622/1-A	Lab Control Sample	Total/NA	Solid	8021B	94622
LCSD 880-94622/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94622
880-50548-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	94622
880-50548-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94622

Prep Batch: 94586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94586/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 94622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Total/NA	Solid	5035	
880-50562-3	H-3 (0-1')	Total/NA	Solid	5035	
880-50562-5	H-5 (0-1')	Total/NA	Solid	5035	
880-50562-6	H-6 (0-1')	Total/NA	Solid	5035	
MB 880-94622/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94622/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94622/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50548-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-50548-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 94641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-2	H-2 (0-1')	Total/NA	Solid	5035	
880-50562-4	H-4 (0-1')	Total/NA	Solid	5035	
MB 880-94641/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94641/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94641/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50569-A-61-A MS	Matrix Spike	Total/NA	Solid	5035	
880-50569-A-61-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 94728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-2	H-2 (0-1')	Total/NA	Solid	8021B	94641
880-50562-4	H-4 (0-1')	Total/NA	Solid	8021B	94641
MB 880-94641/5-A	Method Blank	Total/NA	Solid	8021B	94641
LCS 880-94641/1-A	Lab Control Sample	Total/NA	Solid	8021B	94641
LCSD 880-94641/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94641
880-50569-A-61-A MS	Matrix Spike	Total/NA	Solid	8021B	94641
880-50569-A-61-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94641

Analysis Batch: 94792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-50562-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 94792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-50562-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-50562-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	
880-50562-6	H-6 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 94555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-5	H-5 (0-1')	Total/NA	Solid	8015B NM	94644
880-50562-6	H-6 (0-1')	Total/NA	Solid	8015B NM	94644
MB 880-94644/1-A	Method Blank	Total/NA	Solid	8015B NM	94644
LCS 880-94644/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94644
LCSD 880-94644/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94644
880-50551-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	94644
880-50551-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94644

Prep Batch: 94644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-5	H-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-50562-6	H-6 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-94644/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94644/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94644/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50551-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-50551-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 94754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-50562-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-50562-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-50562-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-94754/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94754/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94754/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50551-A-17-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-50551-A-17-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-50562-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-50562-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-50562-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-50562-5	H-5 (0-1')	Total/NA	Solid	8015 NM	
880-50562-6	H-6 (0-1')	Total/NA	Solid	8015 NM	

Analysis Batch: 94995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Total/NA	Solid	8015B NM	94754

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 94995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-2	H-2 (0-1')	Total/NA	Solid	8015B NM	94754
880-50562-3	H-3 (0-1')	Total/NA	Solid	8015B NM	94754
880-50562-4	H-4 (0-1')	Total/NA	Solid	8015B NM	94754
MB 880-94754/1-A	Method Blank	Total/NA	Solid	8015B NM	94754
LCS 880-94754/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94754
LCSD 880-94754/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94754
880-50551-A-17-E MS	Matrix Spike	Total/NA	Solid	8015B NM	94754
880-50551-A-17-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94754

HPLC/IC

Leach Batch: 94691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-50562-2	H-2 (0-1')	Soluble	Solid	DI Leach	
MB 880-94691/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94691/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94691/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7323-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7323-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 94692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-50562-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-50562-5	H-5 (0-1')	Soluble	Solid	DI Leach	
880-50562-6	H-6 (0-1')	Soluble	Solid	DI Leach	
MB 880-94692/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94692/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94692/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50562-3 MS	H-3 (0-1')	Soluble	Solid	DI Leach	
880-50562-3 MSD	H-3 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 94746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-1	H-1 (0-1')	Soluble	Solid	300.0	94691
880-50562-2	H-2 (0-1')	Soluble	Solid	300.0	94691
MB 880-94691/1-A	Method Blank	Soluble	Solid	300.0	94691
LCS 880-94691/2-A	Lab Control Sample	Soluble	Solid	300.0	94691
LCSD 880-94691/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94691
890-7323-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	94691
890-7323-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94691

Analysis Batch: 94761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50562-3	H-3 (0-1')	Soluble	Solid	300.0	94692
880-50562-4	H-4 (0-1')	Soluble	Solid	300.0	94692
880-50562-5	H-5 (0-1')	Soluble	Solid	300.0	94692
880-50562-6	H-6 (0-1')	Soluble	Solid	300.0	94692
MB 880-94692/1-A	Method Blank	Soluble	Solid	300.0	94692
LCS 880-94692/2-A	Lab Control Sample	Soluble	Solid	300.0	94692

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 94761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-94692/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94692
880-50562-3 MS	H-3 (0-1')	Soluble	Solid	300.0	94692
880-50562-3 MSD	H-3 (0-1')	Soluble	Solid	300.0	94692

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50562-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94792	11/02/24 04:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			94774	11/05/24 18:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94754	11/04/24 09:54	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94995	11/05/24 18:50	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94691	11/02/24 17:01	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94746	11/04/24 19:40	CH	EET MID

Client Sample ID: H-2 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50562-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94641	11/04/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94728	11/04/24 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94792	11/04/24 17:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			94774	11/05/24 19:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94754	11/04/24 09:54	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94995	11/05/24 19:07	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94691	11/02/24 17:01	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94746	11/04/24 19:46	CH	EET MID

Client Sample ID: H-3 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50562-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94792	11/02/24 05:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			94774	11/05/24 19:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94754	11/04/24 09:54	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94995	11/05/24 19:22	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94692	11/02/24 17:09	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94761	11/05/24 00:34	CH	EET MID

Client Sample ID: H-4 (0-1')
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 15:44

Lab Sample ID: 880-50562-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94641	11/04/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94728	11/04/24 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94792	11/04/24 17:29	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-50562-4

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94774	11/05/24 19:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94754	11/04/24 09:54	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94995	11/05/24 19:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94692	11/02/24 17:09	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94761	11/05/24 00:48	CH	EET MID

Client Sample ID: H-5 (0-1')

Lab Sample ID: 880-50562-5

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 06:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94792	11/02/24 06:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			94774	11/02/24 05:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	94644	11/01/24 17:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/02/24 05:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94692	11/02/24 17:09	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94761	11/05/24 00:53	CH	EET MID

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-50562-6

Date Collected: 10/30/24 00:00

Matrix: Solid

Date Received: 10/31/24 15:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94622	11/01/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94577	11/02/24 06:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94792	11/02/24 06:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			94774	11/02/24 06:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94644	11/01/24 17:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94555	11/02/24 06:14	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94692	11/02/24 17:09	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94761	11/05/24 00:58	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-50562-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-50562-1	H-1 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50562-2	H-2 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50562-3	H-3 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50562-4	H-4 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50562-5	H-5 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44
880-50562-6	H-6 (0-1')	Solid	10/30/24 00:00	10/31/24 15:44

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Page 1 of 1

Work Order Comments				
Program:	UST/PST ☐	PRP ☐	Brownfields ☐	RRC ☐
State of Project:				Superfund ☐
Reporting:	Level II ☐	Level III ☐	PST/UST ☐	RRP ☐
Deliverables:	EDD ☐	ADaPT ☐	Other:	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Com. [Signature]</i>	10/31/24 1532	<i>[Signature]</i>	10/31/24 1544

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-50562-1

SDG Number: Lea County, New Mexico

Login Number: 50562

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/28/2025 2:49:43 PM

JOB DESCRIPTION

Floofy Cat Offsite PW Spill
Lea County, New Mexico

JOB NUMBER

880-57248-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/28/2025 2:49:43 PM

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

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Laboratory Job ID: 880-57248-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1

Job ID: 880-57248-1

Eurofins Midland

Job Narrative
880-57248-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 4/23/2025 2:25 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 -0.2°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-7 (880-57248-61). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-8 (880-57248-62) and SW-9 (880-57248-63). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-108563 and analytical batch 880-108569 was outside the control limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (880-57248-1), CS-2 (880-57248-2), CS-3 (880-57248-3), CS-4 (880-57248-4), CS-5 (880-57248-5), CS-6 (880-57248-6), CS-7 (880-57248-7), CS-8 (880-57248-8), CS-9 (880-57248-9), CS-10 (880-57248-10), CS-11 (880-57248-11), CS-12 (880-57248-12), CS-13 (880-57248-13), CS-14 (880-57248-14), CS-15 (880-57248-15), CS-16 (880-57248-16), CS-17 (880-57248-17), CS-18 (880-57248-18), CS-19 (880-57248-19), CS-20 (880-57248-20), CS-21 (880-57248-21), CS-22 (880-57248-22), CS-23 (880-57248-23), CS-24 (880-57248-24), CS-25 (880-57248-25), CS-27 (880-57248-27), CS-28 (880-57248-28), CS-29 (880-57248-29), CS-30 (880-57248-30), CS-31 (880-57248-31), CS-32 (880-57248-32), CS-33 (880-57248-33), CS-34 (880-57248-34), CS-35 (880-57248-35), CS-36 (880-57248-36), CS-37 (880-57248-37), CS-38 (880-57248-38), CS-39 (880-57248-39), CS-40 (880-57248-40), (LCS 880-108508/2-A), (LCSD 880-108508/3-A), (880-57248-A-1-B MS), (880-57248-A-1-C MSD), (880-57248-A-21-B MS) and (880-57248-A-21-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108507 and 880-108508 and analytical batch 880-108705 was outside the upper control limits.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-108508 and analytical batch 880-108705 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108509 and 880-108510 and analytical batch 880-108708 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 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108509 and 880-108510 and analytical batch 880-108708 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-41 (880-57248-41), CS-42

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1

Job ID: 880-57248-1 (Continued)

Eurofins Midland

(880-57248-42), CS-43 (880-57248-43), CS-44 (880-57248-44), CS-45 (880-57248-45), CS-46 (880-57248-46), CS-47 (880-57248-47), CS-48 (880-57248-48), CS-49 (880-57248-49), CS-50 (880-57248-50), CS-51 (880-57248-51), CS-52 (880-57248-52), CS-53 (880-57248-53), CS-54 (880-57248-54), SW-1 (880-57248-55), SW-2 (880-57248-56), SW-3 (880-57248-57), SW-4 (880-57248-58), SW-5 (880-57248-59), SW-6 (880-57248-60), SW-7 (880-57248-61), SW-8 (880-57248-62), SW-9 (880-57248-63), SW-10 (880-57248-64), SW-11 (880-57248-65), SW-12 (880-57248-66), SW-13 (880-57248-67), SW-14 (880-57248-68), (880-57248-A-41-B MS), (880-57248-A-41-C MSD), (880-57248-A-61-B MS) and (880-57248-A-61-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-108640 and analytical batch 880-108847 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-26 (880-57248-26). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108525 and analytical batch 880-108559 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108528 and analytical batch 880-108560 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1

Lab Sample ID: 880-57248-1

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00462		0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 16:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/24/25 11:25	04/24/25 16:11	1
1,4-Difluorobenzene (Surr)	76		70 - 130				04/24/25 11:25	04/24/25 16:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00462		0.00399		mg/Kg			04/24/25 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 14:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 14:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	167	S1+	70 - 130				04/24/25 08:12	04/25/25 14:07	1
o-Terphenyl (Surr)	182	S1+	70 - 130				04/24/25 08:12	04/25/25 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		10.1		mg/Kg			04/24/25 12:55	1

Client Sample ID: CS-2

Lab Sample ID: 880-57248-2

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:31	1
Toluene	0.00228		0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:31	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:25	04/24/25 16:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 16:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:25	04/24/25 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/24/25 11:25	04/24/25 16:31	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/24/25 11:25	04/24/25 16:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2

Lab Sample ID: 880-57248-2

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/24/25 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 14:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 14:55	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	167	S1+	70 - 130				04/24/25 08:12	04/25/25 14:55	1
o-Terphenyl (Surr)	175	S1+	70 - 130				04/24/25 08:12	04/25/25 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.1		9.98		mg/Kg			04/24/25 13:12	1

Client Sample ID: CS-3

Lab Sample ID: 880-57248-3

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 16:52	1
Toluene	0.00255		0.00199		mg/Kg		04/24/25 11:25	04/24/25 16:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 16:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 16:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 16:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/24/25 11:25	04/24/25 16:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/24/25 11:25	04/24/25 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 15:11	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 15:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3

Lab Sample ID: 880-57248-3

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	166	S1+	70 - 130				04/24/25 08:12	04/25/25 15:11	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/25/25 15:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.3		10.1		mg/Kg			04/24/25 13:18	1

Client Sample ID: CS-4

Lab Sample ID: 880-57248-4

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 17:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 17:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 17:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 17:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 17:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				04/24/25 11:25	04/24/25 17:12	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/24/25 11:25	04/24/25 17:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 15:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 15:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	169	S1+	70 - 130				04/24/25 08:12	04/25/25 15:26	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/25/25 15:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.1		10.1		mg/Kg			04/24/25 13:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5

Lab Sample ID: 880-57248-5

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 17:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 17:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				04/24/25 11:25	04/24/25 17:33	1
1,4-Difluorobenzene (Surr)	81		70 - 130				04/24/25 11:25	04/24/25 17:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 15:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	174	S1+	70 - 130				04/24/25 08:12	04/25/25 15:42	1
o-Terphenyl (Surr)	183	S1+	70 - 130				04/24/25 08:12	04/25/25 15:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.2		9.96		mg/Kg			04/24/25 13:29	1

Client Sample ID: CS-6

Lab Sample ID: 880-57248-6

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:25	04/24/25 17:54	1
Toluene	0.00258		0.00201		mg/Kg		04/24/25 11:25	04/24/25 17:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:25	04/24/25 17:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/24/25 11:25	04/24/25 17:54	1
o-Xylene	0.00345		0.00201		mg/Kg		04/24/25 11:25	04/24/25 17:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/25 11:25	04/24/25 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/24/25 11:25	04/24/25 17:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/24/25 11:25	04/24/25 17:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6

Lab Sample ID: 880-57248-6

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00603		0.00402		mg/Kg			04/24/25 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/25/25 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 08:12	04/25/25 15:58	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/24/25 08:12	04/25/25 15:58	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:12	04/25/25 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/25/25 15:58	1
o-Terphenyl (Surr)	183	S1+	70 - 130				04/24/25 08:12	04/25/25 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.3		10.0		mg/Kg			04/24/25 13:46	1

Client Sample ID: CS-7

Lab Sample ID: 880-57248-7

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00200		0.00200		mg/Kg		04/24/25 11:25	04/24/25 18:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 18:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 18:14	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:25	04/24/25 18:14	1
o-Xylene	0.00274		0.00200		mg/Kg		04/24/25 11:25	04/24/25 18:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:25	04/24/25 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/24/25 11:25	04/24/25 18:14	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/24/25 11:25	04/24/25 18:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00474		0.00401		mg/Kg			04/24/25 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/25/25 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/24/25 08:12	04/25/25 16:14	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/24/25 08:12	04/25/25 16:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7

Lab Sample ID: 880-57248-7

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/24/25 08:12	04/25/25 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	178	S1+	70 - 130				04/24/25 08:12	04/25/25 16:14	1
o-Terphenyl (Surr)	183	S1+	70 - 130				04/24/25 08:12	04/25/25 16:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.6		10.1		mg/Kg			04/24/25 13:51	1

Client Sample ID: CS-8

Lab Sample ID: 880-57248-8

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 18:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 18:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 18:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 18:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 18:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/24/25 11:25	04/24/25 18:35	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/24/25 11:25	04/24/25 18:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/25/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/25/25 16:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/25/25 16:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/25/25 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:12	04/25/25 16:30	1
o-Terphenyl (Surr)	180	S1+	70 - 130				04/24/25 08:12	04/25/25 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		10.1		mg/Kg			04/24/25 13:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9

Lab Sample ID: 880-57248-9

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:25	04/24/25 18:55	1
Toluene	0.00310		0.00198		mg/Kg		04/24/25 11:25	04/24/25 18:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:25	04/24/25 18:55	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/24/25 11:25	04/24/25 18:55	1
o-Xylene	0.00308		0.00198		mg/Kg		04/24/25 11:25	04/24/25 18:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/24/25 11:25	04/24/25 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/24/25 11:25	04/24/25 18:55	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/24/25 11:25	04/24/25 18:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00618		0.00396		mg/Kg			04/24/25 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/25/25 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 16:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 16:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	173	S1+	70 - 130	04/24/25 08:12	04/25/25 16:45	1
o-Terphenyl (Surr)	178	S1+	70 - 130	04/24/25 08:12	04/25/25 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		9.98		mg/Kg			04/24/25 14:03	1

Client Sample ID: CS-10

Lab Sample ID: 880-57248-10

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 19:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 19:16	1
Ethylbenzene	0.00226		0.00199		mg/Kg		04/24/25 11:25	04/24/25 19:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 19:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 19:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/24/25 11:25	04/24/25 19:16	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/24/25 11:25	04/24/25 19:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10

Lab Sample ID: 880-57248-10

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 17:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 17:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	174	S1+	70 - 130				04/24/25 08:12	04/25/25 17:01	1
o-Terphenyl (Surr)	177	S1+	70 - 130				04/24/25 08:12	04/25/25 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	335		9.90		mg/Kg			04/24/25 14:08	1

Client Sample ID: CS-11

Lab Sample ID: 880-57248-11

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00215		0.00200		mg/Kg		04/24/25 11:25	04/24/25 20:49	1
Toluene	0.00260		0.00200		mg/Kg		04/24/25 11:25	04/24/25 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 20:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 20:49	1
o-Xylene	0.00322		0.00200		mg/Kg		04/24/25 11:25	04/24/25 20:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				04/24/25 11:25	04/24/25 20:49	1
1,4-Difluorobenzene (Surr)	74		70 - 130				04/24/25 11:25	04/24/25 20:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00797		0.00399		mg/Kg			04/24/25 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/25/25 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/24/25 08:12	04/25/25 17:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/24/25 08:12	04/25/25 17:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11

Lab Sample ID: 880-57248-11

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/24/25 08:12	04/25/25 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:12	04/25/25 17:33	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/24/25 08:12	04/25/25 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.7	F1	9.98		mg/Kg			04/24/25 14:14	1

Client Sample ID: CS-12

Lab Sample ID: 880-57248-12

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 21:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 21:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 21:10	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:25	04/24/25 21:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 21:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:25	04/24/25 21:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/24/25 11:25	04/24/25 21:10	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/24/25 11:25	04/24/25 21:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/24/25 21:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 17:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 17:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	174	S1+	70 - 130				04/24/25 08:12	04/25/25 17:50	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/25/25 17:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	241		9.96		mg/Kg			04/24/25 14:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13

Lab Sample ID: 880-57248-13

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 21:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	04/24/25 11:25	04/24/25 21:30	1
1,4-Difluorobenzene (Surr)	81		70 - 130	04/24/25 11:25	04/24/25 21:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/25/25 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 18:06	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 18:06	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	178	S1+	70 - 130	04/24/25 08:12	04/25/25 18:06	1
o-Terphenyl (Surr)	179	S1+	70 - 130	04/24/25 08:12	04/25/25 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		10.1		mg/Kg			04/24/25 14:36	1

Client Sample ID: CS-14

Lab Sample ID: 880-57248-14

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00486		0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 21:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 21:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/24/25 11:25	04/24/25 21:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/24/25 11:25	04/24/25 21:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14

Lab Sample ID: 880-57248-14

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00486		0.00398		mg/Kg			04/24/25 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/25/25 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 18:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 18:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	159	S1+	70 - 130				04/24/25 08:12	04/25/25 18:22	1
o-Terphenyl (Surr)	163	S1+	70 - 130				04/24/25 08:12	04/25/25 18:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.7		9.96		mg/Kg			04/24/25 14:54	1

Client Sample ID: CS-15

Lab Sample ID: 880-57248-15

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:11	1
Ethylbenzene	0.00466		0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 22:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/24/25 11:25	04/24/25 22:11	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/24/25 11:25	04/24/25 22:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00466		0.00399		mg/Kg			04/24/25 22:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 18:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15

Lab Sample ID: 880-57248-15

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130				04/24/25 08:12	04/25/25 18:39	1
o-Terphenyl (Surr)	174	S1+	70 - 130				04/24/25 08:12	04/25/25 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.7		9.98		mg/Kg			04/24/25 14:59	1

Client Sample ID: CS-16

Lab Sample ID: 880-57248-16

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00436		0.00202		mg/Kg		04/24/25 11:25	04/24/25 22:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:25	04/24/25 22:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:25	04/24/25 22:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/24/25 11:25	04/24/25 22:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:25	04/24/25 22:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/24/25 11:25	04/24/25 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/24/25 11:25	04/24/25 22:32	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/24/25 11:25	04/24/25 22:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00436		0.00404		mg/Kg			04/24/25 22:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/25/25 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/24/25 08:12	04/25/25 18:55	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/24/25 08:12	04/25/25 18:55	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/24/25 08:12	04/25/25 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	172	S1+	70 - 130				04/24/25 08:12	04/25/25 18:55	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/25/25 18:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.2		10.1		mg/Kg			04/24/25 15:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17

Lab Sample ID: 880-57248-17

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:52	1
Ethylbenzene	0.00262		0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 22:52	1
o-Xylene	0.00234		0.00200		mg/Kg		04/24/25 11:25	04/24/25 22:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	04/24/25 11:25	04/24/25 22:52	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/24/25 11:25	04/24/25 22:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00496		0.00399		mg/Kg			04/24/25 22:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/25/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/25/25 19:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/25/25 19:11	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/25/25 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	171	S1+	70 - 130	04/24/25 08:12	04/25/25 19:11	1
o-Terphenyl (Surr)	177	S1+	70 - 130	04/24/25 08:12	04/25/25 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.0		10.0		mg/Kg			04/24/25 15:10	1

Client Sample ID: CS-18

Lab Sample ID: 880-57248-18

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00211		0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 23:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/24/25 11:25	04/24/25 23:13	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/24/25 11:25	04/24/25 23:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18

Lab Sample ID: 880-57248-18

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 23:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/25/25 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 19:27	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 19:27	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	157	S1+	70 - 130				04/24/25 08:12	04/25/25 19:27	1
o-Terphenyl (Surr)	161	S1+	70 - 130				04/24/25 08:12	04/25/25 19:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.0		9.94		mg/Kg			04/24/25 15:16	1

Client Sample ID: CS-19

Lab Sample ID: 880-57248-19

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 23:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:25	04/24/25 23:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:25	04/24/25 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/24/25 11:25	04/24/25 23:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/24/25 11:25	04/24/25 23:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/25/25 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/24/25 08:12	04/25/25 19:43	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/24/25 08:12	04/25/25 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19

Lab Sample ID: 880-57248-19

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/24/25 08:12	04/25/25 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	172	S1+	70 - 130				04/24/25 08:12	04/25/25 19:43	1
o-Terphenyl (Surr)	179	S1+	70 - 130				04/24/25 08:12	04/25/25 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.7		9.90		mg/Kg			04/24/25 15:22	1

Client Sample ID: CS-20

Lab Sample ID: 880-57248-20

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 23:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 23:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 23:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 23:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 23:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:25	04/24/25 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				04/24/25 11:25	04/24/25 23:54	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/24/25 11:25	04/24/25 23:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 20:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 20:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	169	S1+	70 - 130				04/24/25 08:12	04/25/25 20:01	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/24/25 08:12	04/25/25 20:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		10.1		mg/Kg			04/24/25 15:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21

Lab Sample ID: 880-57248-21

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/24/25 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/24/25 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	04/24/25 11:28	04/24/25 22:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/24/25 11:28	04/24/25 22:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/24/25 08:12	04/25/25 22:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/24/25 08:12	04/25/25 22:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/25/25 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130	04/24/25 08:12	04/25/25 22:12	1
o-Terphenyl (Surr)	170	S1+	70 - 130	04/24/25 08:12	04/25/25 22:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136	F1	9.98		mg/Kg			04/24/25 17:26	1

Client Sample ID: CS-22

Lab Sample ID: 880-57248-22

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:53	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:28	04/24/25 22:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:28	04/24/25 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/24/25 11:28	04/24/25 22:53	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/24/25 11:28	04/24/25 22:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22

Lab Sample ID: 880-57248-22

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/24/25 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/25/25 23:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/25/25 23:00	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/25/25 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:12	04/25/25 23:00	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/24/25 08:12	04/25/25 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		10.1		mg/Kg			04/24/25 17:48	1

Client Sample ID: CS-23

Lab Sample ID: 880-57248-23

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/24/25 23:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/24/25 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/24/25 11:28	04/24/25 23:13	1
1,4-Difluorobenzene (Surr)	78		70 - 130				04/24/25 11:28	04/24/25 23:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 23:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/25/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U **	50.3		mg/Kg		04/24/25 08:12	04/25/25 23:17	1
Diesel Range Organics (Over C10-C28)	<50.3	U **	50.3		mg/Kg		04/24/25 08:12	04/25/25 23:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23

Lab Sample ID: 880-57248-23

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/24/25 08:12	04/25/25 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130				04/24/25 08:12	04/25/25 23:17	1
o-Terphenyl (Surr)	172	S1+	70 - 130				04/24/25 08:12	04/25/25 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		10.1		mg/Kg			04/24/25 17:55	1

Client Sample ID: CS-24

Lab Sample ID: 880-57248-24

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/24/25 23:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/24/25 23:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/24/25 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/24/25 11:28	04/24/25 23:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/24/25 11:28	04/24/25 23:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 23:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/25/25 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U **	50.2		mg/Kg		04/24/25 08:12	04/25/25 23:32	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/24/25 08:12	04/25/25 23:32	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:12	04/25/25 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/25/25 23:32	1
o-Terphenyl (Surr)	177	S1+	70 - 130				04/24/25 08:12	04/25/25 23:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		9.96		mg/Kg			04/24/25 18:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25

Lab Sample ID: 880-57248-25

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 23:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 23:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 23:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/24/25 23:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 23:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/24/25 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/24/25 11:28	04/24/25 23:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/24/25 11:28	04/24/25 23:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/25/25 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/24/25 08:12	04/25/25 23:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/24/25 08:12	04/25/25 23:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/25/25 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	173	S1+	70 - 130	04/24/25 08:12	04/25/25 23:49	1
o-Terphenyl (Surr)	175	S1+	70 - 130	04/24/25 08:12	04/25/25 23:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		10.1		mg/Kg			04/24/25 18:10	1

Client Sample ID: CS-26

Lab Sample ID: 880-57248-26

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:28	04/25/25 00:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:28	04/25/25 00:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:28	04/25/25 00:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/24/25 11:28	04/25/25 00:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:28	04/25/25 00:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/25 11:28	04/25/25 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/24/25 11:28	04/25/25 00:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/24/25 11:28	04/25/25 00:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26

Lab Sample ID: 880-57248-26

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/25/25 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	49.8		mg/Kg		04/25/25 07:42	04/28/25 13:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:42	04/28/25 13:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:42	04/28/25 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	170	S1+	70 - 130				04/25/25 07:42	04/28/25 13:03	1
o-Terphenyl (Surr)	187	S1+	70 - 130				04/25/25 07:42	04/28/25 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.3		9.98		mg/Kg			04/24/25 18:31	1

Client Sample ID: CS-27

Lab Sample ID: 880-57248-27

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 00:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 00:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 00:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:28	04/25/25 00:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 00:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:28	04/25/25 00:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				04/24/25 11:28	04/25/25 00:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/24/25 11:28	04/25/25 00:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/25/25 00:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/26/25 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		04/24/25 08:12	04/26/25 00:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/24/25 08:12	04/26/25 00:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27

Lab Sample ID: 880-57248-27

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/26/25 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	172	S1+	70 - 130				04/24/25 08:12	04/26/25 00:22	1
o-Terphenyl (Surr)	172	S1+	70 - 130				04/24/25 08:12	04/26/25 00:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.0		10.0		mg/Kg			04/24/25 18:38	1

Client Sample ID: CS-28

Lab Sample ID: 880-57248-28

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 00:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 00:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 00:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 00:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 00:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				04/24/25 11:28	04/25/25 00:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 11:28	04/25/25 00:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/26/25 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 00:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 00:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/26/25 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	183	S1+	70 - 130				04/24/25 08:12	04/26/25 00:38	1
o-Terphenyl (Surr)	182	S1+	70 - 130				04/24/25 08:12	04/26/25 00:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		9.94		mg/Kg			04/24/25 18:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-29

Lab Sample ID: 880-57248-29

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:28	04/25/25 01:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:28	04/25/25 01:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:28	04/25/25 01:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/24/25 11:28	04/25/25 01:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:28	04/25/25 01:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/24/25 11:28	04/25/25 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	04/24/25 11:28	04/25/25 01:16	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/24/25 11:28	04/25/25 01:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/25/25 01:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/26/25 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/24/25 08:12	04/26/25 00:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/24/25 08:12	04/26/25 00:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/26/25 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	181	S1+	70 - 130	04/24/25 08:12	04/26/25 00:56	1
o-Terphenyl (Surr)	185	S1+	70 - 130	04/24/25 08:12	04/26/25 00:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		10.1		mg/Kg			04/24/25 18:53	1

Client Sample ID: CS-30

Lab Sample ID: 880-57248-30

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 01:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/24/25 11:28	04/25/25 01:37	1
1,4-Difluorobenzene (Surr)	81		70 - 130	04/24/25 11:28	04/25/25 01:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-30

Lab Sample ID: 880-57248-30

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/25 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/24/25 08:12	04/26/25 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/24/25 08:12	04/26/25 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/26/25 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	163	S1+	70 - 130				04/24/25 08:12	04/26/25 01:11	1
o-Terphenyl (Surr)	165	S1+	70 - 130				04/24/25 08:12	04/26/25 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		9.94		mg/Kg			04/24/25 19:00	1

Client Sample ID: CS-31

Lab Sample ID: 880-57248-31

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 03:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				04/24/25 11:28	04/25/25 03:00	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/24/25 11:28	04/25/25 03:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/26/25 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/26/25 01:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/26/25 01:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31

Lab Sample ID: 880-57248-31

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/26/25 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/26/25 01:45	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/26/25 01:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		10.0		mg/Kg			04/24/25 19:07	1

Client Sample ID: CS-32

Lab Sample ID: 880-57248-32

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:21	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:28	04/25/25 03:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 03:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:28	04/25/25 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/24/25 11:28	04/25/25 03:21	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/24/25 11:28	04/25/25 03:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/25/25 03:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/26/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/26/25 02:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/26/25 02:02	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/26/25 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	179	S1+	70 - 130				04/24/25 08:12	04/26/25 02:02	1
o-Terphenyl (Surr)	181	S1+	70 - 130				04/24/25 08:12	04/26/25 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		10.1		mg/Kg			04/24/25 19:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-33

Lab Sample ID: 880-57248-33

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 03:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 03:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 03:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 03:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 03:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/24/25 11:28	04/25/25 03:41	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/24/25 11:28	04/25/25 03:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 03:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/26/25 02:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U **	50.2		mg/Kg		04/24/25 08:12	04/26/25 02:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U **	50.2		mg/Kg		04/24/25 08:12	04/26/25 02:18	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:12	04/26/25 02:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	169	S1+	70 - 130	04/24/25 08:12	04/26/25 02:18	1
o-Terphenyl (Surr)	174	S1+	70 - 130	04/24/25 08:12	04/26/25 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		10.1		mg/Kg			04/24/25 19:36	1

Client Sample ID: CS-34

Lab Sample ID: 880-57248-34

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 04:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 04:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 04:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 04:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 04:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/24/25 11:28	04/25/25 04:02	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/24/25 11:28	04/25/25 04:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34

Lab Sample ID: 880-57248-34

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/26/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/26/25 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	183	S1+	70 - 130				04/24/25 08:12	04/26/25 02:36	1
o-Terphenyl (Surr)	186	S1+	70 - 130				04/24/25 08:12	04/26/25 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.98		mg/Kg			04/24/25 19:57	1

Client Sample ID: CS-35

Lab Sample ID: 880-57248-35

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 04:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 04:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 04:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 04:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 04:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/24/25 11:28	04/25/25 04:22	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/24/25 11:28	04/25/25 04:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/25 02:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/24/25 08:12	04/26/25 02:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/24/25 08:12	04/26/25 02:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-35

Lab Sample ID: 880-57248-35

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:12	04/26/25 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	178	S1+	70 - 130				04/24/25 08:12	04/26/25 02:52	1
o-Terphenyl (Surr)	180	S1+	70 - 130				04/24/25 08:12	04/26/25 02:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.90		mg/Kg			04/24/25 20:04	1

Client Sample ID: CS-36

Lab Sample ID: 880-57248-36

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:28	04/25/25 04:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:28	04/25/25 04:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:28	04/25/25 04:43	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/24/25 11:28	04/25/25 04:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:28	04/25/25 04:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/24/25 11:28	04/25/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/24/25 11:28	04/25/25 04:43	1
1,4-Difluorobenzene (Surr)	81		70 - 130				04/24/25 11:28	04/25/25 04:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/25/25 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/26/25 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		04/24/25 08:12	04/26/25 03:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/24/25 08:12	04/26/25 03:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:12	04/26/25 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	193	S1+	70 - 130				04/24/25 08:12	04/26/25 03:10	1
o-Terphenyl (Surr)	196	S1+	70 - 130				04/24/25 08:12	04/26/25 03:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		10.1		mg/Kg			04/24/25 20:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37

Lab Sample ID: 880-57248-37

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 05:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 05:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 05:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 05:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 05:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/24/25 11:28	04/25/25 05:03	1
1,4-Difluorobenzene (Surr)	75		70 - 130				04/24/25 11:28	04/25/25 05:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 05:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/26/25 03:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/24/25 08:12	04/26/25 03:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/24/25 08:12	04/26/25 03:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:12	04/26/25 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/26/25 03:25	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/24/25 08:12	04/26/25 03:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		10.1		mg/Kg			04/24/25 20:19	1

Client Sample ID: CS-38

Lab Sample ID: 880-57248-38

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 05:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/24/25 11:28	04/25/25 05:24	1
1,4-Difluorobenzene (Surr)	75		70 - 130				04/24/25 11:28	04/25/25 05:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-38

Lab Sample ID: 880-57248-38

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/26/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 03:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 03:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/26/25 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	167	S1+	70 - 130				04/24/25 08:12	04/26/25 03:43	1
o-Terphenyl (Surr)	173	S1+	70 - 130				04/24/25 08:12	04/26/25 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.1		9.98		mg/Kg			04/24/25 20:26	1

Client Sample ID: CS-39

Lab Sample ID: 880-57248-39

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 05:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:28	04/25/25 05:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:28	04/25/25 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/24/25 11:28	04/25/25 05:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 11:28	04/25/25 05:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/26/25 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 03:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/24/25 08:12	04/26/25 03:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-39

Lab Sample ID: 880-57248-39

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/26/25 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	189	S1+	70 - 130				04/24/25 08:12	04/26/25 03:59	1
o-Terphenyl (Surr)	187	S1+	70 - 130				04/24/25 08:12	04/26/25 03:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		10.1		mg/Kg			04/24/25 20:33	1

Client Sample ID: CS-40

Lab Sample ID: 880-57248-40

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 06:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/25/25 06:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:28	04/25/25 06:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/24/25 11:28	04/25/25 06:05	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/24/25 11:28	04/25/25 06:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 06:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/26/25 04:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/26/25 04:16	1
Diesel Range Organics (Over C10-C28)	<50.1	U **	50.1		mg/Kg		04/24/25 08:12	04/26/25 04:16	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:12	04/26/25 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	171	S1+	70 - 130				04/24/25 08:12	04/26/25 04:16	1
o-Terphenyl (Surr)	176	S1+	70 - 130				04/24/25 08:12	04/26/25 04:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		10.1		mg/Kg			04/24/25 20:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41

Lab Sample ID: 880-57248-41

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/24/25 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/24/25 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/24/25 11:30	04/24/25 22:27	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/24/25 11:30	04/24/25 22:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 22:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 14:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		04/24/25 08:13	04/25/25 14:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	188	S1+	70 - 130	04/24/25 08:13	04/25/25 14:07	1
o-Terphenyl (Surr)	197	S1+	70 - 130	04/24/25 08:13	04/25/25 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		10.1		mg/Kg			04/24/25 21:38	1

Client Sample ID: CS-42

Lab Sample ID: 880-57248-42

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:48	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:30	04/24/25 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:30	04/24/25 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/24/25 11:30	04/24/25 22:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/24/25 11:30	04/24/25 22:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-42

Lab Sample ID: 880-57248-42

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/24/25 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 14:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 14:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	181	S1+	70 - 130				04/24/25 08:13	04/25/25 14:55	1
o-Terphenyl (Surr)	185	S1+	70 - 130				04/24/25 08:13	04/25/25 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		10.0		mg/Kg			04/24/25 21:59	1

Client Sample ID: CS-43

Lab Sample ID: 880-57248-43

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/24/25 23:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/24/25 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/24/25 11:30	04/24/25 23:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/24/25 11:30	04/24/25 23:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/25/25 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/25/25 15:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/25/25 15:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-43

Lab Sample ID: 880-57248-43

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/25/25 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	189	S1+	70 - 130				04/24/25 08:13	04/25/25 15:11	1
o-Terphenyl (Surr)	194	S1+	70 - 130				04/24/25 08:13	04/25/25 15:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		9.96		mg/Kg			04/24/25 22:06	1

Client Sample ID: CS-44

Lab Sample ID: 880-57248-44

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/24/25 23:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/24/25 23:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/24/25 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/24/25 11:30	04/24/25 23:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/24/25 11:30	04/24/25 23:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/25/25 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 15:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 15:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	173	S1+	70 - 130				04/24/25 08:13	04/25/25 15:26	1
o-Terphenyl (Surr)	179	S1+	70 - 130				04/24/25 08:13	04/25/25 15:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		10.0		mg/Kg			04/24/25 22:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-45

Lab Sample ID: 880-57248-45

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 23:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 23:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 23:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/24/25 23:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 23:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/24/25 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/24/25 11:30	04/24/25 23:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/24/25 11:30	04/24/25 23:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/24/25 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/25/25 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/24/25 08:13	04/25/25 15:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/24/25 08:13	04/25/25 15:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/24/25 08:13	04/25/25 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	196	S1+	70 - 130	04/24/25 08:13	04/25/25 15:42	1
o-Terphenyl (Surr)	202	S1+	70 - 130	04/24/25 08:13	04/25/25 15:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		9.98		mg/Kg			04/24/25 22:21	1

Client Sample ID: CS-46

Lab Sample ID: 880-57248-46

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:30	04/25/25 00:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:30	04/25/25 00:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:30	04/25/25 00:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/24/25 11:30	04/25/25 00:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/24/25 11:30	04/25/25 00:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/25 11:30	04/25/25 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/24/25 11:30	04/25/25 00:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/24/25 11:30	04/25/25 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-46

Lab Sample ID: 880-57248-46

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/25/25 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/25/25 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/24/25 08:13	04/25/25 15:58	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/24/25 08:13	04/25/25 15:58	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/24/25 08:13	04/25/25 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:13	04/25/25 15:58	1
o-Terphenyl (Surr)	182	S1+	70 - 130				04/24/25 08:13	04/25/25 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		10.1		mg/Kg			04/24/25 22:42	1

Client Sample ID: CS-47

Lab Sample ID: 880-57248-47

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 00:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 00:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 00:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:30	04/25/25 00:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 00:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:30	04/25/25 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/24/25 11:30	04/25/25 00:30	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/24/25 11:30	04/25/25 00:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/25/25 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/25/25 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 16:14	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 16:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-47

Lab Sample ID: 880-57248-47

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	352	S1+	70 - 130				04/24/25 08:13	04/25/25 16:14	1
o-Terphenyl (Surr)	362	S1+	70 - 130				04/24/25 08:13	04/25/25 16:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		10.1		mg/Kg			04/24/25 22:49	1

Client Sample ID: CS-48

Lab Sample ID: 880-57248-48

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 00:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 00:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 00:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 00:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 00:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/24/25 11:30	04/25/25 00:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 11:30	04/25/25 00:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 16:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 16:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	180	S1+	70 - 130				04/24/25 08:13	04/25/25 16:30	1
o-Terphenyl (Surr)	184	S1+	70 - 130				04/24/25 08:13	04/25/25 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.1		10.1		mg/Kg			04/24/25 22:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-49

Lab Sample ID: 880-57248-49

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:30	04/25/25 01:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:30	04/25/25 01:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:30	04/25/25 01:11	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/24/25 11:30	04/25/25 01:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/24/25 11:30	04/25/25 01:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/24/25 11:30	04/25/25 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/24/25 11:30	04/25/25 01:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/24/25 11:30	04/25/25 01:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/25/25 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 16:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 16:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	188	S1+	70 - 130				04/24/25 08:13	04/25/25 16:45	1
o-Terphenyl (Surr)	192	S1+	70 - 130				04/24/25 08:13	04/25/25 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		10.0		mg/Kg			04/24/25 23:04	1

Client Sample ID: CS-50

Lab Sample ID: 880-57248-50

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 01:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 01:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 01:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 01:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 01:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/24/25 11:30	04/25/25 01:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 11:30	04/25/25 01:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-50

Lab Sample ID: 880-57248-50

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 01:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 17:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 17:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130				04/24/25 08:13	04/25/25 17:01	1
o-Terphenyl (Surr)	182	S1+	70 - 130				04/24/25 08:13	04/25/25 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		10.0		mg/Kg			04/24/25 23:11	1

Client Sample ID: CS-51

Lab Sample ID: 880-57248-51

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 02:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 02:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 02:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 02:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 02:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/24/25 11:30	04/25/25 02:54	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/24/25 11:30	04/25/25 02:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/25/25 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/25/25 17:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/25/25 17:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-51

Lab Sample ID: 880-57248-51

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/25/25 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	183	S1+	70 - 130				04/24/25 08:13	04/25/25 17:33	1
o-Terphenyl (Surr)	189	S1+	70 - 130				04/24/25 08:13	04/25/25 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		10.0		mg/Kg			04/24/25 23:18	1

Client Sample ID: CS-52

Lab Sample ID: 880-57248-52

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 03:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 03:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 03:15	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 11:30	04/25/25 03:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 03:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 11:30	04/25/25 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/24/25 11:30	04/25/25 03:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/24/25 11:30	04/25/25 03:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/25/25 03:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 17:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	190	S1+	70 - 130				04/24/25 08:13	04/25/25 17:50	1
o-Terphenyl (Surr)	196	S1+	70 - 130				04/24/25 08:13	04/25/25 17:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		10.1		mg/Kg			04/24/25 23:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-53

Lab Sample ID: 880-57248-53

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 03:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/24/25 11:30	04/25/25 03:35	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/24/25 11:30	04/25/25 03:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 03:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/25/25 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 18:06	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 18:06	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	177	S1+	70 - 130	04/24/25 08:13	04/25/25 18:06	1
o-Terphenyl (Surr)	181	S1+	70 - 130	04/24/25 08:13	04/25/25 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		9.94		mg/Kg			04/24/25 23:47	1

Client Sample ID: CS-54

Lab Sample ID: 880-57248-54

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 03:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 03:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/24/25 11:30	04/25/25 03:56	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/24/25 11:30	04/25/25 03:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54

Lab Sample ID: 880-57248-54

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 18:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	167	S1+	70 - 130				04/24/25 08:13	04/25/25 18:22	1
o-Terphenyl (Surr)	171	S1+	70 - 130				04/24/25 08:13	04/25/25 18:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.96		mg/Kg			04/25/25 00:08	1

Client Sample ID: SW-1

Lab Sample ID: 880-57248-55

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 04:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/24/25 11:30	04/25/25 04:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 11:30	04/25/25 04:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 04:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/25/25 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 18:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 18:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1

Lab Sample ID: 880-57248-55

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	178	S1+	70 - 130				04/24/25 08:13	04/25/25 18:39	1
o-Terphenyl (Surr)	183	S1+	70 - 130				04/24/25 08:13	04/25/25 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		10.0		mg/Kg			04/25/25 00:15	1

Client Sample ID: SW-2

Lab Sample ID: 880-57248-56

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:30	04/25/25 04:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:30	04/25/25 04:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:30	04/25/25 04:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/24/25 11:30	04/25/25 04:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:30	04/25/25 04:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/24/25 11:30	04/25/25 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/24/25 11:30	04/25/25 04:37	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/24/25 11:30	04/25/25 04:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/25/25 04:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/25/25 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 18:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 18:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 08:13	04/25/25 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	198	S1+	70 - 130				04/24/25 08:13	04/25/25 18:55	1
o-Terphenyl (Surr)	204	S1+	70 - 130				04/24/25 08:13	04/25/25 18:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		10.1		mg/Kg			04/25/25 00:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3

Lab Sample ID: 880-57248-57

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 04:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 04:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/24/25 11:30	04/25/25 04:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/24/25 11:30	04/25/25 04:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 19:11	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 19:11	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:13	04/25/25 19:11	1
o-Terphenyl (Surr)	183	S1+	70 - 130				04/24/25 08:13	04/25/25 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		9.98		mg/Kg			04/25/25 00:30	1

Client Sample ID: SW-4

Lab Sample ID: 880-57248-58

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 05:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/24/25 11:30	04/25/25 05:18	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 11:30	04/25/25 05:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4

Lab Sample ID: 880-57248-58

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 05:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 19:27	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 19:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	178	S1+	70 - 130				04/24/25 08:13	04/25/25 19:27	1
o-Terphenyl (Surr)	181	S1+	70 - 130				04/24/25 08:13	04/25/25 19:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		9.94		mg/Kg			04/25/25 00:37	1

Client Sample ID: SW-5

Lab Sample ID: 880-57248-59

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 05:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:30	04/25/25 05:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:30	04/25/25 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/24/25 11:30	04/25/25 05:38	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/24/25 11:30	04/25/25 05:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 05:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/25/25 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5

Lab Sample ID: 880-57248-59

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	181	S1+	70 - 130				04/24/25 08:13	04/25/25 19:43	1
o-Terphenyl (Surr)	187	S1+	70 - 130				04/24/25 08:13	04/25/25 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		10.1		mg/Kg			04/25/25 00:44	1

Client Sample ID: SW-6

Lab Sample ID: 880-57248-60

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 05:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 05:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 05:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 05:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/25/25 05:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:30	04/25/25 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/24/25 11:30	04/25/25 05:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/24/25 11:30	04/25/25 05:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 05:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/25/25 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 20:01	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 20:01	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130				04/24/25 08:13	04/25/25 20:01	1
o-Terphenyl (Surr)	175	S1+	70 - 130				04/24/25 08:13	04/25/25 20:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		10.1		mg/Kg			04/25/25 00:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7

Lab Sample ID: 880-57248-61

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:36	04/24/25 14:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:36	04/24/25 14:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:36	04/24/25 14:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/24/25 09:36	04/24/25 14:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:36	04/24/25 14:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/25 09:36	04/24/25 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/24/25 09:36	04/24/25 14:07	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	04/24/25 09:36	04/24/25 14:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/24/25 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 22:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		04/24/25 08:13	04/25/25 22:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	187	S1+	70 - 130	04/24/25 08:13	04/25/25 22:12	1
o-Terphenyl (Surr)	182	S1+	70 - 130	04/24/25 08:13	04/25/25 22:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		9.92		mg/Kg			04/24/25 16:13	1

Client Sample ID: SW-8

Lab Sample ID: 880-57248-62

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 14:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 14:28	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 09:36	04/24/25 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 14:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 09:36	04/24/25 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/24/25 09:36	04/24/25 14:28	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130	04/24/25 09:36	04/24/25 14:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8

Lab Sample ID: 880-57248-62

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/24/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 23:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 23:00	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	182	S1+	70 - 130				04/24/25 08:13	04/25/25 23:00	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/24/25 08:13	04/25/25 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	284		9.98		mg/Kg			04/24/25 16:29	1

Client Sample ID: SW-9

Lab Sample ID: 880-57248-63

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 14:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 14:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 14:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 09:36	04/24/25 14:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 14:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 09:36	04/24/25 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/24/25 09:36	04/24/25 14:48	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130				04/24/25 09:36	04/24/25 14:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/25/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 23:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-63
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/25/25 23:17	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	178	S1+	70 - 130				04/24/25 08:13	04/25/25 23:17	1	
o-Terphenyl (Surr)	174	S1+	70 - 130				04/24/25 08:13	04/25/25 23:17	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	292		10.0		mg/Kg			04/24/25 16:35	1	

Client Sample ID: SW-10
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-64
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		04/24/25 09:36	04/24/25 15:09	1	
Toluene	<0.00198	U	0.00198		mg/Kg		04/24/25 09:36	04/24/25 15:09	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/24/25 09:36	04/24/25 15:09	1	
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/24/25 09:36	04/24/25 15:09	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/24/25 09:36	04/24/25 15:09	1	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/24/25 09:36	04/24/25 15:09	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	125		70 - 130				04/24/25 09:36	04/24/25 15:09	1	
1,4-Difluorobenzene (Surr)	95		70 - 130				04/24/25 09:36	04/24/25 15:09	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/24/25 15:09	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.2	U	50.2		mg/Kg			04/25/25 23:32	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 23:32	1	
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 23:32	1	
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 08:13	04/25/25 23:32	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:13	04/25/25 23:32	1	
o-Terphenyl (Surr)	171	S1+	70 - 130				04/24/25 08:13	04/25/25 23:32	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	271		10.1		mg/Kg			04/24/25 16:41	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11

Lab Sample ID: 880-57248-65

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 15:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 15:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 15:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 09:36	04/24/25 15:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:36	04/24/25 15:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 09:36	04/24/25 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/24/25 09:36	04/24/25 15:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/24/25 09:36	04/24/25 15:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/25/25 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 23:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 23:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 08:13	04/25/25 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	176	S1+	70 - 130	04/24/25 08:13	04/25/25 23:49	1
o-Terphenyl (Surr)	171	S1+	70 - 130	04/24/25 08:13	04/25/25 23:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		9.94		mg/Kg			04/24/25 16:46	1

Client Sample ID: SW-12

Lab Sample ID: 880-57248-66

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:23	04/24/25 13:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:23	04/24/25 13:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:23	04/24/25 13:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/24/25 09:23	04/24/25 13:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/24/25 09:23	04/24/25 13:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/24/25 09:23	04/24/25 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/24/25 09:23	04/24/25 13:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/24/25 09:23	04/24/25 13:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12

Lab Sample ID: 880-57248-66

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/24/25 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/26/25 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/26/25 00:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/26/25 00:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 08:13	04/26/25 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	182	S1+	70 - 130				04/24/25 08:13	04/26/25 00:05	1
o-Terphenyl (Surr)	177	S1+	70 - 130				04/24/25 08:13	04/26/25 00:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		10.0		mg/Kg			04/24/25 17:03	1

Client Sample ID: SW-13

Lab Sample ID: 880-57248-67

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 13:58	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/24/25 09:23	04/24/25 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 13:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/24/25 09:23	04/24/25 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/24/25 09:23	04/24/25 13:58	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/24/25 09:23	04/24/25 13:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/24/25 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/25 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/26/25 00:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/26/25 00:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13

Lab Sample ID: 880-57248-67

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/26/25 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/24/25 08:13	04/26/25 00:22	1
o-Terphenyl (Surr)	171	S1+	70 - 130				04/24/25 08:13	04/26/25 00:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		9.96		mg/Kg			04/24/25 17:09	1

Client Sample ID: SW-14

Lab Sample ID: 880-57248-68

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:23	04/24/25 14:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:23	04/24/25 14:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:23	04/24/25 14:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 09:23	04/24/25 14:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 09:23	04/24/25 14:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 09:23	04/24/25 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/24/25 09:23	04/24/25 14:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/24/25 09:23	04/24/25 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/24/25 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/26/25 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/26/25 00:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/26/25 00:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 08:13	04/26/25 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	183	S1+	70 - 130				04/24/25 08:13	04/26/25 00:38	1
o-Terphenyl (Surr)	178	S1+	70 - 130				04/24/25 08:13	04/26/25 00:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	312		9.90		mg/Kg			04/24/25 17:15	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-57248-1	CS-1	101	76
880-57248-1 MS	CS-1	98	122
880-57248-1 MSD	CS-1	90	105
880-57248-2	CS-2	88	86
880-57248-3	CS-3	85	100
880-57248-4	CS-4	83	86
880-57248-5	CS-5	86	81
880-57248-6	CS-6	92	87
880-57248-7	CS-7	95	94
880-57248-8	CS-8	99	97
880-57248-9	CS-9	87	86
880-57248-10	CS-10	93	85
880-57248-11	CS-11	113	74
880-57248-12	CS-12	91	84
880-57248-13	CS-13	84	81
880-57248-14	CS-14	96	87
880-57248-15	CS-15	97	89
880-57248-16	CS-16	97	90
880-57248-17	CS-17	80	79
880-57248-18	CS-18	94	85
880-57248-19	CS-19	96	89
880-57248-20	CS-20	83	86
880-57248-21	CS-21	85	100
880-57248-21 MS	CS-21	90	106
880-57248-21 MSD	CS-21	105	100
880-57248-22	CS-22	94	90
880-57248-23	CS-23	93	78
880-57248-24	CS-24	87	98
880-57248-25	CS-25	92	100
880-57248-26	CS-26	88	93
880-57248-27	CS-27	84	95
880-57248-28	CS-28	83	92
880-57248-29	CS-29	86	95
880-57248-30	CS-30	89	81
880-57248-31	CS-31	84	93
880-57248-32	CS-32	89	100
880-57248-33	CS-33	101	83
880-57248-34	CS-34	90	87
880-57248-35	CS-35	98	86
880-57248-36	CS-36	101	81
880-57248-37	CS-37	100	75
880-57248-38	CS-38	107	75
880-57248-39	CS-39	90	92
880-57248-40	CS-40	88	93
880-57248-41	CS-41	104	93
880-57248-41 MS	CS-41	104	100
880-57248-41 MSD	CS-41	105	99
880-57248-42	CS-42	101	95
880-57248-43	CS-43	105	96

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-57248-1

Project/Site: Floofy Cat Offsite PW Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-57248-44	CS-44	101	94
880-57248-45	CS-45	105	94
880-57248-46	CS-46	106	96
880-57248-47	CS-47	101	97
880-57248-48	CS-48	102	92
880-57248-49	CS-49	103	95
880-57248-50	CS-50	106	92
880-57248-51	CS-51	107	89
880-57248-52	CS-52	98	98
880-57248-53	CS-53	106	91
880-57248-54	CS-54	104	97
880-57248-55	SW-1	109	92
880-57248-56	SW-2	106	94
880-57248-57	SW-3	104	95
880-57248-58	SW-4	103	92
880-57248-59	SW-5	109	97
880-57248-60	SW-6	104	95
880-57248-61	SW-7	106	66 S1-
880-57248-62	SW-8	108	65 S1-
880-57248-63	SW-9	109	66 S1-
880-57248-64	SW-10	125	95
880-57248-65	SW-11	114	97
880-57248-66	SW-12	89	98
880-57248-67	SW-13	88	96
880-57248-68	SW-14	97	92
890-8028-A-36-D MS	Matrix Spike	106	70
890-8028-A-36-E MSD	Matrix Spike Duplicate	100	70
LCS 880-108522/1-A	Lab Control Sample	101	89
LCS 880-108524/1-A	Lab Control Sample	100	72
LCS 880-108563/1-A	Lab Control Sample	91	97
LCS 880-108564/1-A	Lab Control Sample	107	106
LCS 880-108565/1-A	Lab Control Sample	99	99
LCSD 880-108522/2-A	Lab Control Sample Dup	100	90
LCSD 880-108524/2-A	Lab Control Sample Dup	103	71
LCSD 880-108563/2-A	Lab Control Sample Dup	103	114
LCSD 880-108564/2-A	Lab Control Sample Dup	95	87
LCSD 880-108565/2-A	Lab Control Sample Dup	105	103
MB 880-108489/5-A	Method Blank	100	89
MB 880-108522/5-A	Method Blank	84	94
MB 880-108524/5-A	Method Blank	106	83
MB 880-108563/5-A	Method Blank	92	64 S1-
MB 880-108564/5-A	Method Blank	83	96
MB 880-108565/5-A	Method Blank	97	84
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-57248-1

Project/Site: Floofy Cat Offsite PW Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-57248-1	CS-1	167 S1+	182 S1+
880-57248-1 MS	CS-1	184 S1+	178 S1+
880-57248-1 MSD	CS-1	183 S1+	177 S1+
880-57248-2	CS-2	167 S1+	175 S1+
880-57248-3	CS-3	166 S1+	176 S1+
880-57248-4	CS-4	169 S1+	176 S1+
880-57248-5	CS-5	174 S1+	183 S1+
880-57248-6	CS-6	176 S1+	183 S1+
880-57248-7	CS-7	178 S1+	183 S1+
880-57248-8	CS-8	175 S1+	180 S1+
880-57248-9	CS-9	173 S1+	178 S1+
880-57248-10	CS-10	174 S1+	177 S1+
880-57248-11	CS-11	175 S1+	178 S1+
880-57248-12	CS-12	174 S1+	176 S1+
880-57248-13	CS-13	178 S1+	179 S1+
880-57248-14	CS-14	159 S1+	163 S1+
880-57248-15	CS-15	168 S1+	174 S1+
880-57248-16	CS-16	172 S1+	176 S1+
880-57248-17	CS-17	171 S1+	177 S1+
880-57248-18	CS-18	157 S1+	161 S1+
880-57248-19	CS-19	172 S1+	179 S1+
880-57248-20	CS-20	169 S1+	178 S1+
880-57248-21	CS-21	168 S1+	170 S1+
880-57248-21 MS	CS-21	196 S1+	181 S1+
880-57248-21 MSD	CS-21	171 S1+	184 S1+
880-57248-22	CS-22	175 S1+	178 S1+
880-57248-23	CS-23	168 S1+	172 S1+
880-57248-24	CS-24	176 S1+	177 S1+
880-57248-25	CS-25	173 S1+	175 S1+
880-57248-26	CS-26	170 S1+	187 S1+
880-57248-27	CS-27	172 S1+	172 S1+
880-57248-28	CS-28	183 S1+	182 S1+
880-57248-29	CS-29	181 S1+	185 S1+
880-57248-30	CS-30	163 S1+	165 S1+
880-57248-31	CS-31	176 S1+	176 S1+
880-57248-32	CS-32	179 S1+	181 S1+
880-57248-33	CS-33	169 S1+	174 S1+
880-57248-34	CS-34	183 S1+	186 S1+
880-57248-35	CS-35	178 S1+	180 S1+
880-57248-36	CS-36	193 S1+	196 S1+
880-57248-37	CS-37	176 S1+	178 S1+
880-57248-38	CS-38	167 S1+	173 S1+
880-57248-39	CS-39	189 S1+	187 S1+
880-57248-40	CS-40	171 S1+	176 S1+
880-57248-41	CS-41	188 S1+	197 S1+
880-57248-41 MS	CS-41	186 S1+	179 S1+
880-57248-41 MSD	CS-41	159 S1+	179 S1+
880-57248-42	CS-42	181 S1+	185 S1+
880-57248-43	CS-43	189 S1+	194 S1+
880-57248-44	CS-44	173 S1+	179 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-57248-1

Project/Site: Floofy Cat Offsite PW Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-57248-45	CS-45	196 S1+	202 S1+
880-57248-46	CS-46	175 S1+	182 S1+
880-57248-47	CS-47	352 S1+	362 S1+
880-57248-48	CS-48	180 S1+	184 S1+
880-57248-49	CS-49	188 S1+	192 S1+
880-57248-50	CS-50	176 S1+	182 S1+
880-57248-51	CS-51	183 S1+	189 S1+
880-57248-52	CS-52	190 S1+	196 S1+
880-57248-53	CS-53	177 S1+	181 S1+
880-57248-54	CS-54	167 S1+	171 S1+
880-57248-55	SW-1	178 S1+	183 S1+
880-57248-56	SW-2	198 S1+	204 S1+
880-57248-57	SW-3	175 S1+	183 S1+
880-57248-58	SW-4	178 S1+	181 S1+
880-57248-59	SW-5	181 S1+	187 S1+
880-57248-60	SW-6	176 S1+	175 S1+
880-57248-61	SW-7	187 S1+	182 S1+
880-57248-61 MS	SW-7	166 S1+	179 S1+
880-57248-61 MSD	SW-7	193 S1+	180 S1+
880-57248-62	SW-8	182 S1+	178 S1+
880-57248-63	SW-9	178 S1+	174 S1+
880-57248-64	SW-10	175 S1+	171 S1+
880-57248-65	SW-11	176 S1+	171 S1+
880-57248-66	SW-12	182 S1+	177 S1+
880-57248-67	SW-13	175 S1+	171 S1+
880-57248-68	SW-14	183 S1+	178 S1+
880-57342-A-61-B MS	Matrix Spike	101	91
880-57342-A-61-C MSD	Matrix Spike Duplicate	101	91
LCS 880-108507/2-A	Lab Control Sample	108	115
LCS 880-108508/2-A	Lab Control Sample	163 S1+	143 S1+
LCS 880-108509/2-A	Lab Control Sample	102	114
LCS 880-108510/2-A	Lab Control Sample	113	123
LCS 880-108640/2-A	Lab Control Sample	123	129
LCSD 880-108507/3-A	Lab Control Sample Dup	111	117
LCSD 880-108508/3-A	Lab Control Sample Dup	162 S1+	145 S1+
LCSD 880-108509/3-A	Lab Control Sample Dup	107	116
LCSD 880-108510/3-A	Lab Control Sample Dup	126	113
LCSD 880-108640/3-A	Lab Control Sample Dup	128	127
MB 880-108507/1-A	Method Blank	158 S1+	151 S1+
MB 880-108508/1-A	Method Blank	156 S1+	150 S1+
MB 880-108509/1-A	Method Blank	164 S1+	160 S1+
MB 880-108510/1-A	Method Blank	165 S1+	164 S1+
MB 880-108640/1-A	Method Blank	101	103

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108489/5-A

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/25 16:52	04/24/25 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/23/25 16:52	04/24/25 11:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/23/25 16:52	04/24/25 11:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/23/25 16:52	04/24/25 11:26	1

Lab Sample ID: MB 880-108522/5-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 11:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 09:23	04/24/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:23	04/24/25 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 09:23	04/24/25 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	04/24/25 09:23	04/24/25 11:33	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/24/25 09:23	04/24/25 11:33	1

Lab Sample ID: LCS 880-108522/1-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08178		mg/Kg		82	70 - 130
Toluene	0.100	0.07989		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.09941		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.1814		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09244		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-108522/2-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09564		mg/Kg		96	70 - 130	16	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-108522/2-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.09510		mg/Kg		95	70 - 130	17		35
Ethylbenzene	0.100	0.1158		mg/Kg		116	70 - 130	15		35
m,p-Xylenes	0.200	0.2117		mg/Kg		106	70 - 130	15		35
o-Xylene	0.100	0.1072		mg/Kg		107	70 - 130	15		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-108524/5-A

Matrix: Solid

Analysis Batch: 108521

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108524

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 12:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 09:36	04/24/25 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 09:36	04/24/25 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 09:36	04/24/25 12:04	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		70 - 130	04/24/25 09:36	04/24/25 12:04	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/24/25 09:36	04/24/25 12:04	1

Lab Sample ID: LCS 880-108524/1-A

Matrix: Solid

Analysis Batch: 108521

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.09780		mg/Kg		98	70 - 130	
Toluene	0.100	0.09001		mg/Kg		90	70 - 130	
Ethylbenzene	0.100	0.09502		mg/Kg		95	70 - 130	
m,p-Xylenes	0.200	0.1840		mg/Kg		92	70 - 130	
o-Xylene	0.100	0.09902		mg/Kg		99	70 - 130	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	72		70 - 130

Lab Sample ID: LCSD 880-108524/2-A

Matrix: Solid

Analysis Batch: 108521

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108524

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	2		35
Toluene	0.100	0.09083		mg/Kg		91	70 - 130	1		35
Ethylbenzene	0.100	0.09579		mg/Kg		96	70 - 130	1		35

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-108524/2-A

Matrix: Solid

Analysis Batch: 108521

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108524

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
m,p-Xylenes	0.200	0.1870		mg/Kg		93	70 - 130	2		35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	1		35
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							
1,4-Difluorobenzene (Surr)	71		70 - 130							

Lab Sample ID: 890-8028-A-36-D MS

Matrix: Solid

Analysis Batch: 108521

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108524

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.09959		mg/Kg		100	70 - 130			
Toluene	<0.00200	U	0.100	0.09377		mg/Kg		94	70 - 130			
Ethylbenzene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130			
m,p-Xylenes	<0.00399	U	0.200	0.1972		mg/Kg		99	70 - 130			
o-Xylene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130			
		MS	MS									
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	106		70 - 130									
1,4-Difluorobenzene (Surr)	70		70 - 130									

Lab Sample ID: 890-8028-A-36-E MSD

Matrix: Solid

Analysis Batch: 108521

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108524

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U	0.100	0.08772		mg/Kg		88	70 - 130	13		35
Toluene	<0.00200	U	0.100	0.09186		mg/Kg		92	70 - 130	2		35
Ethylbenzene	<0.00200	U	0.100	0.09717		mg/Kg		97	70 - 130	4		35
m,p-Xylenes	<0.00399	U	0.200	0.1875		mg/Kg		94	70 - 130	5		35
o-Xylene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130	5		35
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	100		70 - 130									
1,4-Difluorobenzene (Surr)	70		70 - 130									

Lab Sample ID: MB 880-108563/5-A

Matrix: Solid

Analysis Batch: 108569

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 15:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 15:49	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 11:25	04/24/25 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:25	04/24/25 15:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 11:25	04/24/25 15:49	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/24/25 11:25	04/24/25 15:49	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	04/24/25 11:25	04/24/25 15:49	1

Lab Sample ID: LCS 880-108563/1-A
Matrix: Solid
Analysis Batch: 108569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09040		mg/Kg		90	70 - 130
Toluene	0.100	0.1168		mg/Kg		117	70 - 130
Ethylbenzene	0.100	0.1131		mg/Kg		113	70 - 130
m,p-Xylenes	0.200	0.2150		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-108563/2-A
Matrix: Solid
Analysis Batch: 108569

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1121		mg/Kg		112	70 - 130	21	35
Toluene	0.100	0.1168		mg/Kg		117	70 - 130	0	35
Ethylbenzene	0.100	0.1135		mg/Kg		114	70 - 130	0	35
m,p-Xylenes	0.200	0.2084		mg/Kg		104	70 - 130	3	35
o-Xylene	0.100	0.1055		mg/Kg		105	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-57248-1 MS
Matrix: Solid
Analysis Batch: 108569

Client Sample ID: CS-1
Prep Type: Total/NA
Prep Batch: 108563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00462		0.100	0.1032		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09979		mg/Kg		100	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1809		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.08922		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57248-1 MSD

Matrix: Solid

Analysis Batch: 108569

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 108563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00462		0.100	0.09608		mg/Kg		91	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09765		mg/Kg		98	70 - 130	2	35
m,p-Xylenes	<0.00399	U	0.200	0.1808		mg/Kg		90	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.08842		mg/Kg		88	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-108564/5-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:11	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 11:28	04/24/25 22:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:28	04/24/25 22:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 11:28	04/24/25 22:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	04/24/25 11:28	04/24/25 22:11	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/24/25 11:28	04/24/25 22:11	1

Lab Sample ID: LCS 880-108564/1-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09428		mg/Kg		94	70 - 130
Toluene	0.100	0.08854		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130
m,p-Xylenes	0.200	0.2017		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1033		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-108564/2-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07962		mg/Kg		80	70 - 130	17	35
Toluene	0.100	0.08627		mg/Kg		86	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-108564/2-A

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130	6	35
m,p-Xylenes	0.200	0.1799		mg/Kg		90	70 - 130	11	35
o-Xylene	0.100	0.09066		mg/Kg		91	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-57248-21 MS

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 108564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09973		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.100	0.08603		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09092		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1703		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08581		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-57248-21 MSD

Matrix: Solid

Analysis Batch: 108515

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 108564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08630		mg/Kg		86	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.08199		mg/Kg		82	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130	11	35
m,p-Xylenes	<0.00399	U	0.200	0.1781		mg/Kg		89	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09101		mg/Kg		91	70 - 130	6	35

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

Lab Sample ID: MB 880-108565/5-A

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108565

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 11:30	04/24/25 22:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:30	04/24/25 22:06	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-108565/5-A

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108565

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 11:30	04/24/25 22:06	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/24/25 11:30	04/24/25 22:06	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/24/25 11:30	04/24/25 22:06	1

Lab Sample ID: LCS 880-108565/1-A

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108565

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09939		mg/Kg		99	70 - 130
Toluene	0.100	0.08895		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09510		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1899		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09752		mg/Kg		98	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	99		70 - 130				
1,4-Difluorobenzene (Surr)	99		70 - 130				

Lab Sample ID: LCSD 880-108565/2-A

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108565

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1041		mg/Kg		104	70 - 130	5	35
Toluene	0.100	0.09248		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.1007		mg/Kg		101	70 - 130	6	35
m,p-Xylenes	0.200	0.2040		mg/Kg		102	70 - 130	7	35
o-Xylene	0.100	0.1066		mg/Kg		107	70 - 130	9	35
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: 880-57248-41 MS

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 108565

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09408		mg/Kg		94	70 - 130
Toluene	<0.00200	U	0.100	0.08299		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08992		mg/Kg		90	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1795		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.09294		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57248-41 MS

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 108565

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-57248-41 MSD

Matrix: Solid

Analysis Batch: 108512

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 108565

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09251		mg/Kg		93	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08262		mg/Kg		83	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09059		mg/Kg		91	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1818		mg/Kg		91	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09423		mg/Kg		94	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-108507/1-A

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:11	04/25/25 11:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:11	04/25/25 11:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:11	04/25/25 11:19	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	158	S1+	70 - 130	04/24/25 08:11	04/25/25 11:19	1			
o-Terphenyl (Surr)	151	S1+	70 - 130	04/24/25 08:11	04/25/25 11:19	1			

Lab Sample ID: LCS 880-108507/2-A

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1032		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1123		mg/Kg		112	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	115		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-108507/3-A

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108507

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1121		mg/Kg		112	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1164		mg/Kg		116	70 - 130	4	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane (Surr)		111		70 - 130					
o-Terphenyl (Surr)		117		70 - 130					

Lab Sample ID: 880-57248-1 MS

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 108507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	1059		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1135		mg/Kg		112	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		184	S1+	70 - 130							
o-Terphenyl (Surr)		178	S1+	70 - 130							

Lab Sample ID: 880-57248-1 MSD

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 108507

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	1070		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1127		mg/Kg		111	70 - 130	1	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		183	S1+	70 - 130							
o-Terphenyl (Surr)		177	S1+	70 - 130							

Lab Sample ID: MB 880-108508/1-A

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 21:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 21:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:12	04/25/25 21:05	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-108508/1-A
Matrix: Solid
Analysis Batch: 108705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108508

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	156	S1+	70 - 130	04/24/25 08:12	04/25/25 21:05	1
o-Terphenyl (Surr)	150	S1+	70 - 130	04/24/25 08:12	04/25/25 21:05	1

Lab Sample ID: LCS 880-108508/2-A
Matrix: Solid
Analysis Batch: 108705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1395	*+	mg/Kg		139	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1365	*+	mg/Kg		136	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	163	S1+	70 - 130
o-Terphenyl (Surr)	143	S1+	70 - 130

Lab Sample ID: LCSD 880-108508/3-A
Matrix: Solid
Analysis Batch: 108705

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108508

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1318	*+	mg/Kg		132	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1324	*+	mg/Kg		132	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	162	S1+	70 - 130
o-Terphenyl (Surr)	145	S1+	70 - 130

Lab Sample ID: 880-57248-21 MS
Matrix: Solid
Analysis Batch: 108705

Client Sample ID: CS-21
Prep Type: Total/NA
Prep Batch: 108508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	996	1131		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *+	996	1160		mg/Kg		116	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	196	S1+	70 - 130
o-Terphenyl (Surr)	181	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57248-21 MSD

Matrix: Solid

Analysis Batch: 108705

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 108508

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	996	1126		mg/Kg		113	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U *	996	1237		mg/Kg		124	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	171	S1+	70 - 130								
o-Terphenyl (Surr)	184	S1+	70 - 130								

Lab Sample ID: MB 880-108509/1-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 11:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 11:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 11:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	164	S1+	70 - 130				04/24/25 08:13	04/25/25 11:19	1
o-Terphenyl (Surr)	160	S1+	70 - 130				04/24/25 08:13	04/25/25 11:19	1

Lab Sample ID: LCS 880-108509/2-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	893.2		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1100		mg/Kg		110	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	102		70 - 130						
o-Terphenyl (Surr)	114		70 - 130						

Lab Sample ID: LCSD 880-108509/3-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	993.6		mg/Kg		99	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1143		mg/Kg		114	70 - 130	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-108509/3-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108509

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: 880-57248-41 MS

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 108509

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1130		mg/Kg		112	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1010	1261		mg/Kg		126	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	186	S1+	70 - 130							
o-Terphenyl (Surr)	179	S1+	70 - 130							

Lab Sample ID: 880-57248-41 MSD

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 108509

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1132		mg/Kg		113	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1010	1326	F1	mg/Kg		132	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	159	S1+	70 - 130									
o-Terphenyl (Surr)	179	S1+	70 - 130									

Lab Sample ID: MB 880-108510/1-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108510

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 21:05	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 21:05	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 08:13	04/25/25 21:05	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane (Surr)	165	S1+	70 - 130				04/24/25 08:13	04/25/25 21:05	1		
o-Terphenyl (Surr)	164	S1+	70 - 130				04/24/25 08:13	04/25/25 21:05	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-108510/2-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1093		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1212		mg/Kg		121	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	113		70 - 130				
o-Terphenyl (Surr)	123		70 - 130				

Lab Sample ID: LCSD 880-108510/3-A

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108510

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1012		mg/Kg		101	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1058		mg/Kg		106	70 - 130	14	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	126		70 - 130						
o-Terphenyl (Surr)	113		70 - 130						

Lab Sample ID: 880-57248-61 MS

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: SW-7

Prep Type: Total/NA

Prep Batch: 108510

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	976.5		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1328	F1	mg/Kg		133	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	166	S1+	70 - 130						
o-Terphenyl (Surr)	179	S1+	70 - 130						

Lab Sample ID: 880-57248-61 MSD

Matrix: Solid

Analysis Batch: 108708

Client Sample ID: SW-7

Prep Type: Total/NA

Prep Batch: 108510

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1002		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1277		mg/Kg		128	70 - 130	4	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	193	S1+	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57248-61 MSD
Matrix: Solid
Analysis Batch: 108708

Client Sample ID: SW-7
Prep Type: Total/NA
Prep Batch: 108510

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	180	S1+	70 - 130

Lab Sample ID: MB 880-108640/1-A
Matrix: Solid
Analysis Batch: 108847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108640

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 10:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 10:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 10:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/25/25 07:42	04/28/25 10:12	1
<i>o</i> -Terphenyl (Surr)	103		70 - 130				04/25/25 07:42	04/28/25 10:12	1

Lab Sample ID: LCS 880-108640/2-A
Matrix: Solid
Analysis Batch: 108847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	457.6	*-	mg/Kg		46	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1787	*+	mg/Kg		179	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier	Limits			
1-Chlorooctane (Surr)		123		70 - 130			
<i>o</i> -Terphenyl (Surr)		129		70 - 130			

Lab Sample ID: LCSD 880-108640/3-A
Matrix: Solid
Analysis Batch: 108847

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	456.5	*-	mg/Kg		46	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1740	*+	mg/Kg		174	70 - 130	3	20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits					
1-Chlorooctane (Surr)		128		70 - 130					
<i>o</i> -Terphenyl (Surr)		127		70 - 130					

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57342-A-61-B MS

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	996	836.2		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+	996	1012		mg/Kg		102	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	101		70 - 130						
o-Terphenyl (Surr)	91		70 - 130						

Lab Sample ID: 880-57342-A-61-C MSD

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	996	832.3		mg/Kg		84	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+	996	994.5		mg/Kg		100	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	101		70 - 130								
o-Terphenyl (Surr)	91		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108525/1-A

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/24/25 12:38	1

Lab Sample ID: LCS 880-108525/2-A

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-108525/3-A

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.4		mg/Kg		101	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57248-1 MS

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	104		252	354.9		mg/Kg		100	90 - 110		

Lab Sample ID: 880-57248-1 MSD

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104		252	356.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-57248-11 MS

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	90.7	F1	250	378.2	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 880-57248-11 MSD

Matrix: Solid

Analysis Batch: 108559

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.7	F1	250	379.3	F1	mg/Kg		116	90 - 110	0	20

Lab Sample ID: MB 880-108528/1-A

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/24/25 17:05	1

Lab Sample ID: LCS 880-108528/2-A

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	242.1		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-108528/3-A

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-57248-21 MS

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: CS-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	136	F1	250	345.4	F1	mg/Kg		84	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-57248-21 MSD

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: CS-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	136	F1	250	349.8	F1	mg/Kg		86	90 - 110	1	20

Lab Sample ID: 880-57248-31 MS

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: CS-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	189		250	455.9		mg/Kg		107	90 - 110		

Lab Sample ID: 880-57248-31 MSD

Matrix: Solid

Analysis Batch: 108560

Client Sample ID: CS-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	189		250	457.4		mg/Kg		107	90 - 110	0	20

Lab Sample ID: MB 880-108555/1-A

Matrix: Solid

Analysis Batch: 108575

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/24/25 15:56	1

Lab Sample ID: LCS 880-108555/2-A

Matrix: Solid

Analysis Batch: 108575

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	241.9		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-108555/3-A

Matrix: Solid

Analysis Batch: 108575

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.2		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-57248-61 MS

Matrix: Solid

Analysis Batch: 108575

Client Sample ID: SW-7

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	245		248	477.7		mg/Kg		94	90 - 110		

Lab Sample ID: 880-57248-61 MSD

Matrix: Solid

Analysis Batch: 108575

Client Sample ID: SW-7

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	245		248	479.1		mg/Kg		94	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108554/1-A

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/24/25 21:16	1

Lab Sample ID: LCS 880-108554/2-A

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.2		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-108554/3-A

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.6		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-57248-41 MS

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: CS-41

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	194		252	461.4		mg/Kg		106	90 - 110

Lab Sample ID: 880-57248-41 MSD

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: CS-41

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	194		252	466.3		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-57248-51 MS

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: CS-51

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	143		251	381.9		mg/Kg		95	90 - 110

Lab Sample ID: 880-57248-51 MSD

Matrix: Solid

Analysis Batch: 108576

Client Sample ID: CS-51

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	143		251	378.3		mg/Kg		94	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 108489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108489/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 108512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-41	CS-41	Total/NA	Solid	8021B	108565
880-57248-42	CS-42	Total/NA	Solid	8021B	108565
880-57248-43	CS-43	Total/NA	Solid	8021B	108565
880-57248-44	CS-44	Total/NA	Solid	8021B	108565
880-57248-45	CS-45	Total/NA	Solid	8021B	108565
880-57248-46	CS-46	Total/NA	Solid	8021B	108565
880-57248-47	CS-47	Total/NA	Solid	8021B	108565
880-57248-48	CS-48	Total/NA	Solid	8021B	108565
880-57248-49	CS-49	Total/NA	Solid	8021B	108565
880-57248-50	CS-50	Total/NA	Solid	8021B	108565
880-57248-51	CS-51	Total/NA	Solid	8021B	108565
880-57248-52	CS-52	Total/NA	Solid	8021B	108565
880-57248-53	CS-53	Total/NA	Solid	8021B	108565
880-57248-54	CS-54	Total/NA	Solid	8021B	108565
880-57248-55	SW-1	Total/NA	Solid	8021B	108565
880-57248-56	SW-2	Total/NA	Solid	8021B	108565
880-57248-57	SW-3	Total/NA	Solid	8021B	108565
880-57248-58	SW-4	Total/NA	Solid	8021B	108565
880-57248-59	SW-5	Total/NA	Solid	8021B	108565
880-57248-60	SW-6	Total/NA	Solid	8021B	108565
MB 880-108489/5-A	Method Blank	Total/NA	Solid	8021B	108489
MB 880-108565/5-A	Method Blank	Total/NA	Solid	8021B	108565
LCS 880-108565/1-A	Lab Control Sample	Total/NA	Solid	8021B	108565
LCSD 880-108565/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108565
880-57248-41 MS	CS-41	Total/NA	Solid	8021B	108565
880-57248-41 MSD	CS-41	Total/NA	Solid	8021B	108565

Analysis Batch: 108515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-21	CS-21	Total/NA	Solid	8021B	108564
880-57248-22	CS-22	Total/NA	Solid	8021B	108564
880-57248-23	CS-23	Total/NA	Solid	8021B	108564
880-57248-24	CS-24	Total/NA	Solid	8021B	108564
880-57248-25	CS-25	Total/NA	Solid	8021B	108564
880-57248-26	CS-26	Total/NA	Solid	8021B	108564
880-57248-27	CS-27	Total/NA	Solid	8021B	108564
880-57248-28	CS-28	Total/NA	Solid	8021B	108564
880-57248-29	CS-29	Total/NA	Solid	8021B	108564
880-57248-30	CS-30	Total/NA	Solid	8021B	108564
880-57248-31	CS-31	Total/NA	Solid	8021B	108564
880-57248-32	CS-32	Total/NA	Solid	8021B	108564
880-57248-33	CS-33	Total/NA	Solid	8021B	108564
880-57248-34	CS-34	Total/NA	Solid	8021B	108564
880-57248-35	CS-35	Total/NA	Solid	8021B	108564
880-57248-36	CS-36	Total/NA	Solid	8021B	108564
880-57248-37	CS-37	Total/NA	Solid	8021B	108564
880-57248-38	CS-38	Total/NA	Solid	8021B	108564

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 108515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-39	CS-39	Total/NA	Solid	8021B	108564
880-57248-40	CS-40	Total/NA	Solid	8021B	108564
880-57248-66	SW-12	Total/NA	Solid	8021B	108522
880-57248-67	SW-13	Total/NA	Solid	8021B	108522
880-57248-68	SW-14	Total/NA	Solid	8021B	108522
MB 880-108522/5-A	Method Blank	Total/NA	Solid	8021B	108522
MB 880-108564/5-A	Method Blank	Total/NA	Solid	8021B	108564
LCS 880-108522/1-A	Lab Control Sample	Total/NA	Solid	8021B	108522
LCS 880-108564/1-A	Lab Control Sample	Total/NA	Solid	8021B	108564
LCSD 880-108522/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108522
LCSD 880-108564/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108564
880-57248-21 MS	CS-21	Total/NA	Solid	8021B	108564
880-57248-21 MSD	CS-21	Total/NA	Solid	8021B	108564

Analysis Batch: 108521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-61	SW-7	Total/NA	Solid	8021B	108524
880-57248-62	SW-8	Total/NA	Solid	8021B	108524
880-57248-63	SW-9	Total/NA	Solid	8021B	108524
880-57248-64	SW-10	Total/NA	Solid	8021B	108524
880-57248-65	SW-11	Total/NA	Solid	8021B	108524
MB 880-108524/5-A	Method Blank	Total/NA	Solid	8021B	108524
LCS 880-108524/1-A	Lab Control Sample	Total/NA	Solid	8021B	108524
LCSD 880-108524/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108524
890-8028-A-36-D MS	Matrix Spike	Total/NA	Solid	8021B	108524
890-8028-A-36-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108524

Prep Batch: 108522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-66	SW-12	Total/NA	Solid	5035	
880-57248-67	SW-13	Total/NA	Solid	5035	
880-57248-68	SW-14	Total/NA	Solid	5035	
MB 880-108522/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108522/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108522/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 108524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-61	SW-7	Total/NA	Solid	5035	
880-57248-62	SW-8	Total/NA	Solid	5035	
880-57248-63	SW-9	Total/NA	Solid	5035	
880-57248-64	SW-10	Total/NA	Solid	5035	
880-57248-65	SW-11	Total/NA	Solid	5035	
MB 880-108524/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108524/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108524/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8028-A-36-D MS	Matrix Spike	Total/NA	Solid	5035	
890-8028-A-36-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 108563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Total/NA	Solid	5035	
880-57248-2	CS-2	Total/NA	Solid	5035	
880-57248-3	CS-3	Total/NA	Solid	5035	
880-57248-4	CS-4	Total/NA	Solid	5035	
880-57248-5	CS-5	Total/NA	Solid	5035	
880-57248-6	CS-6	Total/NA	Solid	5035	
880-57248-7	CS-7	Total/NA	Solid	5035	
880-57248-8	CS-8	Total/NA	Solid	5035	
880-57248-9	CS-9	Total/NA	Solid	5035	
880-57248-10	CS-10	Total/NA	Solid	5035	
880-57248-11	CS-11	Total/NA	Solid	5035	
880-57248-12	CS-12	Total/NA	Solid	5035	
880-57248-13	CS-13	Total/NA	Solid	5035	
880-57248-14	CS-14	Total/NA	Solid	5035	
880-57248-15	CS-15	Total/NA	Solid	5035	
880-57248-16	CS-16	Total/NA	Solid	5035	
880-57248-17	CS-17	Total/NA	Solid	5035	
880-57248-18	CS-18	Total/NA	Solid	5035	
880-57248-19	CS-19	Total/NA	Solid	5035	
880-57248-20	CS-20	Total/NA	Solid	5035	
MB 880-108563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57248-1 MS	CS-1	Total/NA	Solid	5035	
880-57248-1 MSD	CS-1	Total/NA	Solid	5035	

Prep Batch: 108564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-21	CS-21	Total/NA	Solid	5035	
880-57248-22	CS-22	Total/NA	Solid	5035	
880-57248-23	CS-23	Total/NA	Solid	5035	
880-57248-24	CS-24	Total/NA	Solid	5035	
880-57248-25	CS-25	Total/NA	Solid	5035	
880-57248-26	CS-26	Total/NA	Solid	5035	
880-57248-27	CS-27	Total/NA	Solid	5035	
880-57248-28	CS-28	Total/NA	Solid	5035	
880-57248-29	CS-29	Total/NA	Solid	5035	
880-57248-30	CS-30	Total/NA	Solid	5035	
880-57248-31	CS-31	Total/NA	Solid	5035	
880-57248-32	CS-32	Total/NA	Solid	5035	
880-57248-33	CS-33	Total/NA	Solid	5035	
880-57248-34	CS-34	Total/NA	Solid	5035	
880-57248-35	CS-35	Total/NA	Solid	5035	
880-57248-36	CS-36	Total/NA	Solid	5035	
880-57248-37	CS-37	Total/NA	Solid	5035	
880-57248-38	CS-38	Total/NA	Solid	5035	
880-57248-39	CS-39	Total/NA	Solid	5035	
880-57248-40	CS-40	Total/NA	Solid	5035	
MB 880-108564/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108564/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108564/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 108564 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-21 MS	CS-21	Total/NA	Solid	5035	
880-57248-21 MSD	CS-21	Total/NA	Solid	5035	

Prep Batch: 108565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-41	CS-41	Total/NA	Solid	5035	
880-57248-42	CS-42	Total/NA	Solid	5035	
880-57248-43	CS-43	Total/NA	Solid	5035	
880-57248-44	CS-44	Total/NA	Solid	5035	
880-57248-45	CS-45	Total/NA	Solid	5035	
880-57248-46	CS-46	Total/NA	Solid	5035	
880-57248-47	CS-47	Total/NA	Solid	5035	
880-57248-48	CS-48	Total/NA	Solid	5035	
880-57248-49	CS-49	Total/NA	Solid	5035	
880-57248-50	CS-50	Total/NA	Solid	5035	
880-57248-51	CS-51	Total/NA	Solid	5035	
880-57248-52	CS-52	Total/NA	Solid	5035	
880-57248-53	CS-53	Total/NA	Solid	5035	
880-57248-54	CS-54	Total/NA	Solid	5035	
880-57248-55	SW-1	Total/NA	Solid	5035	
880-57248-56	SW-2	Total/NA	Solid	5035	
880-57248-57	SW-3	Total/NA	Solid	5035	
880-57248-58	SW-4	Total/NA	Solid	5035	
880-57248-59	SW-5	Total/NA	Solid	5035	
880-57248-60	SW-6	Total/NA	Solid	5035	
MB 880-108565/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108565/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108565/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57248-41 MS	CS-41	Total/NA	Solid	5035	
880-57248-41 MSD	CS-41	Total/NA	Solid	5035	

Analysis Batch: 108569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Total/NA	Solid	8021B	108563
880-57248-2	CS-2	Total/NA	Solid	8021B	108563
880-57248-3	CS-3	Total/NA	Solid	8021B	108563
880-57248-4	CS-4	Total/NA	Solid	8021B	108563
880-57248-5	CS-5	Total/NA	Solid	8021B	108563
880-57248-6	CS-6	Total/NA	Solid	8021B	108563
880-57248-7	CS-7	Total/NA	Solid	8021B	108563
880-57248-8	CS-8	Total/NA	Solid	8021B	108563
880-57248-9	CS-9	Total/NA	Solid	8021B	108563
880-57248-10	CS-10	Total/NA	Solid	8021B	108563
880-57248-11	CS-11	Total/NA	Solid	8021B	108563
880-57248-12	CS-12	Total/NA	Solid	8021B	108563
880-57248-13	CS-13	Total/NA	Solid	8021B	108563
880-57248-14	CS-14	Total/NA	Solid	8021B	108563
880-57248-15	CS-15	Total/NA	Solid	8021B	108563
880-57248-16	CS-16	Total/NA	Solid	8021B	108563
880-57248-17	CS-17	Total/NA	Solid	8021B	108563
880-57248-18	CS-18	Total/NA	Solid	8021B	108563

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 108569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-19	CS-19	Total/NA	Solid	8021B	108563
880-57248-20	CS-20	Total/NA	Solid	8021B	108563
MB 880-108563/5-A	Method Blank	Total/NA	Solid	8021B	108563
LCS 880-108563/1-A	Lab Control Sample	Total/NA	Solid	8021B	108563
LCSD 880-108563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108563
880-57248-1 MS	CS-1	Total/NA	Solid	8021B	108563
880-57248-1 MSD	CS-1	Total/NA	Solid	8021B	108563

Analysis Batch: 108588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Total/NA	Solid	Total BTEX	
880-57248-2	CS-2	Total/NA	Solid	Total BTEX	
880-57248-3	CS-3	Total/NA	Solid	Total BTEX	
880-57248-4	CS-4	Total/NA	Solid	Total BTEX	
880-57248-5	CS-5	Total/NA	Solid	Total BTEX	
880-57248-6	CS-6	Total/NA	Solid	Total BTEX	
880-57248-7	CS-7	Total/NA	Solid	Total BTEX	
880-57248-8	CS-8	Total/NA	Solid	Total BTEX	
880-57248-9	CS-9	Total/NA	Solid	Total BTEX	
880-57248-10	CS-10	Total/NA	Solid	Total BTEX	
880-57248-11	CS-11	Total/NA	Solid	Total BTEX	
880-57248-12	CS-12	Total/NA	Solid	Total BTEX	
880-57248-13	CS-13	Total/NA	Solid	Total BTEX	
880-57248-14	CS-14	Total/NA	Solid	Total BTEX	
880-57248-15	CS-15	Total/NA	Solid	Total BTEX	
880-57248-16	CS-16	Total/NA	Solid	Total BTEX	
880-57248-17	CS-17	Total/NA	Solid	Total BTEX	
880-57248-18	CS-18	Total/NA	Solid	Total BTEX	
880-57248-19	CS-19	Total/NA	Solid	Total BTEX	
880-57248-20	CS-20	Total/NA	Solid	Total BTEX	
880-57248-21	CS-21	Total/NA	Solid	Total BTEX	
880-57248-22	CS-22	Total/NA	Solid	Total BTEX	
880-57248-23	CS-23	Total/NA	Solid	Total BTEX	
880-57248-24	CS-24	Total/NA	Solid	Total BTEX	
880-57248-25	CS-25	Total/NA	Solid	Total BTEX	
880-57248-26	CS-26	Total/NA	Solid	Total BTEX	
880-57248-27	CS-27	Total/NA	Solid	Total BTEX	
880-57248-28	CS-28	Total/NA	Solid	Total BTEX	
880-57248-29	CS-29	Total/NA	Solid	Total BTEX	
880-57248-30	CS-30	Total/NA	Solid	Total BTEX	
880-57248-31	CS-31	Total/NA	Solid	Total BTEX	
880-57248-32	CS-32	Total/NA	Solid	Total BTEX	
880-57248-33	CS-33	Total/NA	Solid	Total BTEX	
880-57248-34	CS-34	Total/NA	Solid	Total BTEX	
880-57248-35	CS-35	Total/NA	Solid	Total BTEX	
880-57248-36	CS-36	Total/NA	Solid	Total BTEX	
880-57248-37	CS-37	Total/NA	Solid	Total BTEX	
880-57248-38	CS-38	Total/NA	Solid	Total BTEX	
880-57248-39	CS-39	Total/NA	Solid	Total BTEX	
880-57248-40	CS-40	Total/NA	Solid	Total BTEX	
880-57248-41	CS-41	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 108588 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-42	CS-42	Total/NA	Solid	Total BTEX	
880-57248-43	CS-43	Total/NA	Solid	Total BTEX	
880-57248-44	CS-44	Total/NA	Solid	Total BTEX	
880-57248-45	CS-45	Total/NA	Solid	Total BTEX	
880-57248-46	CS-46	Total/NA	Solid	Total BTEX	
880-57248-47	CS-47	Total/NA	Solid	Total BTEX	
880-57248-48	CS-48	Total/NA	Solid	Total BTEX	
880-57248-49	CS-49	Total/NA	Solid	Total BTEX	
880-57248-50	CS-50	Total/NA	Solid	Total BTEX	
880-57248-51	CS-51	Total/NA	Solid	Total BTEX	
880-57248-52	CS-52	Total/NA	Solid	Total BTEX	
880-57248-53	CS-53	Total/NA	Solid	Total BTEX	
880-57248-54	CS-54	Total/NA	Solid	Total BTEX	
880-57248-55	SW-1	Total/NA	Solid	Total BTEX	
880-57248-56	SW-2	Total/NA	Solid	Total BTEX	
880-57248-57	SW-3	Total/NA	Solid	Total BTEX	
880-57248-58	SW-4	Total/NA	Solid	Total BTEX	
880-57248-59	SW-5	Total/NA	Solid	Total BTEX	
880-57248-60	SW-6	Total/NA	Solid	Total BTEX	
880-57248-61	SW-7	Total/NA	Solid	Total BTEX	
880-57248-62	SW-8	Total/NA	Solid	Total BTEX	
880-57248-63	SW-9	Total/NA	Solid	Total BTEX	
880-57248-64	SW-10	Total/NA	Solid	Total BTEX	
880-57248-65	SW-11	Total/NA	Solid	Total BTEX	
880-57248-66	SW-12	Total/NA	Solid	Total BTEX	
880-57248-67	SW-13	Total/NA	Solid	Total BTEX	
880-57248-68	SW-14	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 108507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Total/NA	Solid	8015NM Prep	
880-57248-2	CS-2	Total/NA	Solid	8015NM Prep	
880-57248-3	CS-3	Total/NA	Solid	8015NM Prep	
880-57248-4	CS-4	Total/NA	Solid	8015NM Prep	
880-57248-5	CS-5	Total/NA	Solid	8015NM Prep	
880-57248-6	CS-6	Total/NA	Solid	8015NM Prep	
880-57248-7	CS-7	Total/NA	Solid	8015NM Prep	
880-57248-8	CS-8	Total/NA	Solid	8015NM Prep	
880-57248-9	CS-9	Total/NA	Solid	8015NM Prep	
880-57248-10	CS-10	Total/NA	Solid	8015NM Prep	
880-57248-11	CS-11	Total/NA	Solid	8015NM Prep	
880-57248-12	CS-12	Total/NA	Solid	8015NM Prep	
880-57248-13	CS-13	Total/NA	Solid	8015NM Prep	
880-57248-14	CS-14	Total/NA	Solid	8015NM Prep	
880-57248-15	CS-15	Total/NA	Solid	8015NM Prep	
880-57248-16	CS-16	Total/NA	Solid	8015NM Prep	
880-57248-17	CS-17	Total/NA	Solid	8015NM Prep	
880-57248-18	CS-18	Total/NA	Solid	8015NM Prep	
880-57248-19	CS-19	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 108507 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-20	CS-20	Total/NA	Solid	8015NM Prep	
MB 880-108507/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108507/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108507/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57248-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
880-57248-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 108508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-21	CS-21	Total/NA	Solid	8015NM Prep	
880-57248-22	CS-22	Total/NA	Solid	8015NM Prep	
880-57248-23	CS-23	Total/NA	Solid	8015NM Prep	
880-57248-24	CS-24	Total/NA	Solid	8015NM Prep	
880-57248-25	CS-25	Total/NA	Solid	8015NM Prep	
880-57248-27	CS-27	Total/NA	Solid	8015NM Prep	
880-57248-28	CS-28	Total/NA	Solid	8015NM Prep	
880-57248-29	CS-29	Total/NA	Solid	8015NM Prep	
880-57248-30	CS-30	Total/NA	Solid	8015NM Prep	
880-57248-31	CS-31	Total/NA	Solid	8015NM Prep	
880-57248-32	CS-32	Total/NA	Solid	8015NM Prep	
880-57248-33	CS-33	Total/NA	Solid	8015NM Prep	
880-57248-34	CS-34	Total/NA	Solid	8015NM Prep	
880-57248-35	CS-35	Total/NA	Solid	8015NM Prep	
880-57248-36	CS-36	Total/NA	Solid	8015NM Prep	
880-57248-37	CS-37	Total/NA	Solid	8015NM Prep	
880-57248-38	CS-38	Total/NA	Solid	8015NM Prep	
880-57248-39	CS-39	Total/NA	Solid	8015NM Prep	
880-57248-40	CS-40	Total/NA	Solid	8015NM Prep	
MB 880-108508/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108508/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108508/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57248-21 MS	CS-21	Total/NA	Solid	8015NM Prep	
880-57248-21 MSD	CS-21	Total/NA	Solid	8015NM Prep	

Prep Batch: 108509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-41	CS-41	Total/NA	Solid	8015NM Prep	
880-57248-42	CS-42	Total/NA	Solid	8015NM Prep	
880-57248-43	CS-43	Total/NA	Solid	8015NM Prep	
880-57248-44	CS-44	Total/NA	Solid	8015NM Prep	
880-57248-45	CS-45	Total/NA	Solid	8015NM Prep	
880-57248-46	CS-46	Total/NA	Solid	8015NM Prep	
880-57248-47	CS-47	Total/NA	Solid	8015NM Prep	
880-57248-48	CS-48	Total/NA	Solid	8015NM Prep	
880-57248-49	CS-49	Total/NA	Solid	8015NM Prep	
880-57248-50	CS-50	Total/NA	Solid	8015NM Prep	
880-57248-51	CS-51	Total/NA	Solid	8015NM Prep	
880-57248-52	CS-52	Total/NA	Solid	8015NM Prep	
880-57248-53	CS-53	Total/NA	Solid	8015NM Prep	
880-57248-54	CS-54	Total/NA	Solid	8015NM Prep	
880-57248-55	SW-1	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 108509 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-56	SW-2	Total/NA	Solid	8015NM Prep	
880-57248-57	SW-3	Total/NA	Solid	8015NM Prep	
880-57248-58	SW-4	Total/NA	Solid	8015NM Prep	
880-57248-59	SW-5	Total/NA	Solid	8015NM Prep	
880-57248-60	SW-6	Total/NA	Solid	8015NM Prep	
MB 880-108509/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108509/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108509/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57248-41 MS	CS-41	Total/NA	Solid	8015NM Prep	
880-57248-41 MSD	CS-41	Total/NA	Solid	8015NM Prep	

Prep Batch: 108510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-61	SW-7	Total/NA	Solid	8015NM Prep	
880-57248-62	SW-8	Total/NA	Solid	8015NM Prep	
880-57248-63	SW-9	Total/NA	Solid	8015NM Prep	
880-57248-64	SW-10	Total/NA	Solid	8015NM Prep	
880-57248-65	SW-11	Total/NA	Solid	8015NM Prep	
880-57248-66	SW-12	Total/NA	Solid	8015NM Prep	
880-57248-67	SW-13	Total/NA	Solid	8015NM Prep	
880-57248-68	SW-14	Total/NA	Solid	8015NM Prep	
MB 880-108510/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108510/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108510/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57248-61 MS	SW-7	Total/NA	Solid	8015NM Prep	
880-57248-61 MSD	SW-7	Total/NA	Solid	8015NM Prep	

Prep Batch: 108640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-26	CS-26	Total/NA	Solid	8015NM Prep	
MB 880-108640/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108640/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108640/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57342-A-61-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57342-A-61-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Total/NA	Solid	8015B NM	108507
880-57248-2	CS-2	Total/NA	Solid	8015B NM	108507
880-57248-3	CS-3	Total/NA	Solid	8015B NM	108507
880-57248-4	CS-4	Total/NA	Solid	8015B NM	108507
880-57248-5	CS-5	Total/NA	Solid	8015B NM	108507
880-57248-6	CS-6	Total/NA	Solid	8015B NM	108507
880-57248-7	CS-7	Total/NA	Solid	8015B NM	108507
880-57248-8	CS-8	Total/NA	Solid	8015B NM	108507
880-57248-9	CS-9	Total/NA	Solid	8015B NM	108507
880-57248-10	CS-10	Total/NA	Solid	8015B NM	108507
880-57248-11	CS-11	Total/NA	Solid	8015B NM	108507
880-57248-12	CS-12	Total/NA	Solid	8015B NM	108507
880-57248-13	CS-13	Total/NA	Solid	8015B NM	108507

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108705 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-14	CS-14	Total/NA	Solid	8015B NM	108507
880-57248-15	CS-15	Total/NA	Solid	8015B NM	108507
880-57248-16	CS-16	Total/NA	Solid	8015B NM	108507
880-57248-17	CS-17	Total/NA	Solid	8015B NM	108507
880-57248-18	CS-18	Total/NA	Solid	8015B NM	108507
880-57248-19	CS-19	Total/NA	Solid	8015B NM	108507
880-57248-20	CS-20	Total/NA	Solid	8015B NM	108507
880-57248-21	CS-21	Total/NA	Solid	8015B NM	108508
880-57248-22	CS-22	Total/NA	Solid	8015B NM	108508
880-57248-23	CS-23	Total/NA	Solid	8015B NM	108508
880-57248-24	CS-24	Total/NA	Solid	8015B NM	108508
880-57248-25	CS-25	Total/NA	Solid	8015B NM	108508
880-57248-27	CS-27	Total/NA	Solid	8015B NM	108508
880-57248-28	CS-28	Total/NA	Solid	8015B NM	108508
880-57248-29	CS-29	Total/NA	Solid	8015B NM	108508
880-57248-30	CS-30	Total/NA	Solid	8015B NM	108508
880-57248-31	CS-31	Total/NA	Solid	8015B NM	108508
880-57248-32	CS-32	Total/NA	Solid	8015B NM	108508
880-57248-33	CS-33	Total/NA	Solid	8015B NM	108508
880-57248-34	CS-34	Total/NA	Solid	8015B NM	108508
880-57248-35	CS-35	Total/NA	Solid	8015B NM	108508
880-57248-36	CS-36	Total/NA	Solid	8015B NM	108508
880-57248-37	CS-37	Total/NA	Solid	8015B NM	108508
880-57248-38	CS-38	Total/NA	Solid	8015B NM	108508
880-57248-39	CS-39	Total/NA	Solid	8015B NM	108508
880-57248-40	CS-40	Total/NA	Solid	8015B NM	108508
MB 880-108507/1-A	Method Blank	Total/NA	Solid	8015B NM	108507
MB 880-108508/1-A	Method Blank	Total/NA	Solid	8015B NM	108508
LCS 880-108507/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108507
LCS 880-108508/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108508
LCSD 880-108507/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108507
LCSD 880-108508/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108508
880-57248-1 MS	CS-1	Total/NA	Solid	8015B NM	108507
880-57248-1 MSD	CS-1	Total/NA	Solid	8015B NM	108507
880-57248-21 MS	CS-21	Total/NA	Solid	8015B NM	108508
880-57248-21 MSD	CS-21	Total/NA	Solid	8015B NM	108508

Analysis Batch: 108708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-41	CS-41	Total/NA	Solid	8015B NM	108509
880-57248-42	CS-42	Total/NA	Solid	8015B NM	108509
880-57248-43	CS-43	Total/NA	Solid	8015B NM	108509
880-57248-44	CS-44	Total/NA	Solid	8015B NM	108509
880-57248-45	CS-45	Total/NA	Solid	8015B NM	108509
880-57248-46	CS-46	Total/NA	Solid	8015B NM	108509
880-57248-47	CS-47	Total/NA	Solid	8015B NM	108509
880-57248-48	CS-48	Total/NA	Solid	8015B NM	108509
880-57248-49	CS-49	Total/NA	Solid	8015B NM	108509
880-57248-50	CS-50	Total/NA	Solid	8015B NM	108509
880-57248-51	CS-51	Total/NA	Solid	8015B NM	108509
880-57248-52	CS-52	Total/NA	Solid	8015B NM	108509

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-53	CS-53	Total/NA	Solid	8015B NM	108509
880-57248-54	CS-54	Total/NA	Solid	8015B NM	108509
880-57248-55	SW-1	Total/NA	Solid	8015B NM	108509
880-57248-56	SW-2	Total/NA	Solid	8015B NM	108509
880-57248-57	SW-3	Total/NA	Solid	8015B NM	108509
880-57248-58	SW-4	Total/NA	Solid	8015B NM	108509
880-57248-59	SW-5	Total/NA	Solid	8015B NM	108509
880-57248-60	SW-6	Total/NA	Solid	8015B NM	108509
880-57248-61	SW-7	Total/NA	Solid	8015B NM	108510
880-57248-62	SW-8	Total/NA	Solid	8015B NM	108510
880-57248-63	SW-9	Total/NA	Solid	8015B NM	108510
880-57248-64	SW-10	Total/NA	Solid	8015B NM	108510
880-57248-65	SW-11	Total/NA	Solid	8015B NM	108510
880-57248-66	SW-12	Total/NA	Solid	8015B NM	108510
880-57248-67	SW-13	Total/NA	Solid	8015B NM	108510
880-57248-68	SW-14	Total/NA	Solid	8015B NM	108510
MB 880-108509/1-A	Method Blank	Total/NA	Solid	8015B NM	108509
MB 880-108510/1-A	Method Blank	Total/NA	Solid	8015B NM	108510
LCS 880-108509/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108509
LCS 880-108510/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108510
LCSD 880-108509/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108509
LCSD 880-108510/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108510
880-57248-41 MS	CS-41	Total/NA	Solid	8015B NM	108509
880-57248-41 MSD	CS-41	Total/NA	Solid	8015B NM	108509
880-57248-61 MS	SW-7	Total/NA	Solid	8015B NM	108510
880-57248-61 MSD	SW-7	Total/NA	Solid	8015B NM	108510

Analysis Batch: 108796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Total/NA	Solid	8015 NM	
880-57248-2	CS-2	Total/NA	Solid	8015 NM	
880-57248-3	CS-3	Total/NA	Solid	8015 NM	
880-57248-4	CS-4	Total/NA	Solid	8015 NM	
880-57248-5	CS-5	Total/NA	Solid	8015 NM	
880-57248-6	CS-6	Total/NA	Solid	8015 NM	
880-57248-7	CS-7	Total/NA	Solid	8015 NM	
880-57248-8	CS-8	Total/NA	Solid	8015 NM	
880-57248-9	CS-9	Total/NA	Solid	8015 NM	
880-57248-10	CS-10	Total/NA	Solid	8015 NM	
880-57248-11	CS-11	Total/NA	Solid	8015 NM	
880-57248-12	CS-12	Total/NA	Solid	8015 NM	
880-57248-13	CS-13	Total/NA	Solid	8015 NM	
880-57248-14	CS-14	Total/NA	Solid	8015 NM	
880-57248-15	CS-15	Total/NA	Solid	8015 NM	
880-57248-16	CS-16	Total/NA	Solid	8015 NM	
880-57248-17	CS-17	Total/NA	Solid	8015 NM	
880-57248-18	CS-18	Total/NA	Solid	8015 NM	
880-57248-19	CS-19	Total/NA	Solid	8015 NM	
880-57248-20	CS-20	Total/NA	Solid	8015 NM	
880-57248-21	CS-21	Total/NA	Solid	8015 NM	
880-57248-22	CS-22	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-23	CS-23	Total/NA	Solid	8015 NM	
880-57248-24	CS-24	Total/NA	Solid	8015 NM	
880-57248-25	CS-25	Total/NA	Solid	8015 NM	
880-57248-26	CS-26	Total/NA	Solid	8015 NM	
880-57248-27	CS-27	Total/NA	Solid	8015 NM	
880-57248-28	CS-28	Total/NA	Solid	8015 NM	
880-57248-29	CS-29	Total/NA	Solid	8015 NM	
880-57248-30	CS-30	Total/NA	Solid	8015 NM	
880-57248-31	CS-31	Total/NA	Solid	8015 NM	
880-57248-32	CS-32	Total/NA	Solid	8015 NM	
880-57248-33	CS-33	Total/NA	Solid	8015 NM	
880-57248-34	CS-34	Total/NA	Solid	8015 NM	
880-57248-35	CS-35	Total/NA	Solid	8015 NM	
880-57248-36	CS-36	Total/NA	Solid	8015 NM	
880-57248-37	CS-37	Total/NA	Solid	8015 NM	
880-57248-38	CS-38	Total/NA	Solid	8015 NM	
880-57248-39	CS-39	Total/NA	Solid	8015 NM	
880-57248-40	CS-40	Total/NA	Solid	8015 NM	
880-57248-41	CS-41	Total/NA	Solid	8015 NM	
880-57248-42	CS-42	Total/NA	Solid	8015 NM	
880-57248-43	CS-43	Total/NA	Solid	8015 NM	
880-57248-44	CS-44	Total/NA	Solid	8015 NM	
880-57248-45	CS-45	Total/NA	Solid	8015 NM	
880-57248-46	CS-46	Total/NA	Solid	8015 NM	
880-57248-47	CS-47	Total/NA	Solid	8015 NM	
880-57248-48	CS-48	Total/NA	Solid	8015 NM	
880-57248-49	CS-49	Total/NA	Solid	8015 NM	
880-57248-50	CS-50	Total/NA	Solid	8015 NM	
880-57248-51	CS-51	Total/NA	Solid	8015 NM	
880-57248-52	CS-52	Total/NA	Solid	8015 NM	
880-57248-53	CS-53	Total/NA	Solid	8015 NM	
880-57248-54	CS-54	Total/NA	Solid	8015 NM	
880-57248-55	SW-1	Total/NA	Solid	8015 NM	
880-57248-56	SW-2	Total/NA	Solid	8015 NM	
880-57248-57	SW-3	Total/NA	Solid	8015 NM	
880-57248-58	SW-4	Total/NA	Solid	8015 NM	
880-57248-59	SW-5	Total/NA	Solid	8015 NM	
880-57248-60	SW-6	Total/NA	Solid	8015 NM	
880-57248-61	SW-7	Total/NA	Solid	8015 NM	
880-57248-62	SW-8	Total/NA	Solid	8015 NM	
880-57248-63	SW-9	Total/NA	Solid	8015 NM	
880-57248-64	SW-10	Total/NA	Solid	8015 NM	
880-57248-65	SW-11	Total/NA	Solid	8015 NM	
880-57248-66	SW-12	Total/NA	Solid	8015 NM	
880-57248-67	SW-13	Total/NA	Solid	8015 NM	
880-57248-68	SW-14	Total/NA	Solid	8015 NM	

Analysis Batch: 108847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-26	CS-26	Total/NA	Solid	8015B NM	108640
MB 880-108640/1-A	Method Blank	Total/NA	Solid	8015B NM	108640

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-108640/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108640
LCSD 880-108640/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108640
880-57342-A-61-B MS	Matrix Spike	Total/NA	Solid	8015B NM	108640
880-57342-A-61-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108640

HPLC/IC

Leach Batch: 108525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Soluble	Solid	DI Leach	
880-57248-2	CS-2	Soluble	Solid	DI Leach	
880-57248-3	CS-3	Soluble	Solid	DI Leach	
880-57248-4	CS-4	Soluble	Solid	DI Leach	
880-57248-5	CS-5	Soluble	Solid	DI Leach	
880-57248-6	CS-6	Soluble	Solid	DI Leach	
880-57248-7	CS-7	Soluble	Solid	DI Leach	
880-57248-8	CS-8	Soluble	Solid	DI Leach	
880-57248-9	CS-9	Soluble	Solid	DI Leach	
880-57248-10	CS-10	Soluble	Solid	DI Leach	
880-57248-11	CS-11	Soluble	Solid	DI Leach	
880-57248-12	CS-12	Soluble	Solid	DI Leach	
880-57248-13	CS-13	Soluble	Solid	DI Leach	
880-57248-14	CS-14	Soluble	Solid	DI Leach	
880-57248-15	CS-15	Soluble	Solid	DI Leach	
880-57248-16	CS-16	Soluble	Solid	DI Leach	
880-57248-17	CS-17	Soluble	Solid	DI Leach	
880-57248-18	CS-18	Soluble	Solid	DI Leach	
880-57248-19	CS-19	Soluble	Solid	DI Leach	
880-57248-20	CS-20	Soluble	Solid	DI Leach	
MB 880-108525/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108525/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108525/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57248-1 MS	CS-1	Soluble	Solid	DI Leach	
880-57248-1 MSD	CS-1	Soluble	Solid	DI Leach	
880-57248-11 MS	CS-11	Soluble	Solid	DI Leach	
880-57248-11 MSD	CS-11	Soluble	Solid	DI Leach	

Leach Batch: 108528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-21	CS-21	Soluble	Solid	DI Leach	
880-57248-22	CS-22	Soluble	Solid	DI Leach	
880-57248-23	CS-23	Soluble	Solid	DI Leach	
880-57248-24	CS-24	Soluble	Solid	DI Leach	
880-57248-25	CS-25	Soluble	Solid	DI Leach	
880-57248-26	CS-26	Soluble	Solid	DI Leach	
880-57248-27	CS-27	Soluble	Solid	DI Leach	
880-57248-28	CS-28	Soluble	Solid	DI Leach	
880-57248-29	CS-29	Soluble	Solid	DI Leach	
880-57248-30	CS-30	Soluble	Solid	DI Leach	
880-57248-31	CS-31	Soluble	Solid	DI Leach	
880-57248-32	CS-32	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 108528 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-33	CS-33	Soluble	Solid	DI Leach	
880-57248-34	CS-34	Soluble	Solid	DI Leach	
880-57248-35	CS-35	Soluble	Solid	DI Leach	
880-57248-36	CS-36	Soluble	Solid	DI Leach	
880-57248-37	CS-37	Soluble	Solid	DI Leach	
880-57248-38	CS-38	Soluble	Solid	DI Leach	
880-57248-39	CS-39	Soluble	Solid	DI Leach	
880-57248-40	CS-40	Soluble	Solid	DI Leach	
MB 880-108528/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108528/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108528/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57248-21 MS	CS-21	Soluble	Solid	DI Leach	
880-57248-21 MSD	CS-21	Soluble	Solid	DI Leach	
880-57248-31 MS	CS-31	Soluble	Solid	DI Leach	
880-57248-31 MSD	CS-31	Soluble	Solid	DI Leach	

Leach Batch: 108554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-41	CS-41	Soluble	Solid	DI Leach	
880-57248-42	CS-42	Soluble	Solid	DI Leach	
880-57248-43	CS-43	Soluble	Solid	DI Leach	
880-57248-44	CS-44	Soluble	Solid	DI Leach	
880-57248-45	CS-45	Soluble	Solid	DI Leach	
880-57248-46	CS-46	Soluble	Solid	DI Leach	
880-57248-47	CS-47	Soluble	Solid	DI Leach	
880-57248-48	CS-48	Soluble	Solid	DI Leach	
880-57248-49	CS-49	Soluble	Solid	DI Leach	
880-57248-50	CS-50	Soluble	Solid	DI Leach	
880-57248-51	CS-51	Soluble	Solid	DI Leach	
880-57248-52	CS-52	Soluble	Solid	DI Leach	
880-57248-53	CS-53	Soluble	Solid	DI Leach	
880-57248-54	CS-54	Soluble	Solid	DI Leach	
880-57248-55	SW-1	Soluble	Solid	DI Leach	
880-57248-56	SW-2	Soluble	Solid	DI Leach	
880-57248-57	SW-3	Soluble	Solid	DI Leach	
880-57248-58	SW-4	Soluble	Solid	DI Leach	
880-57248-59	SW-5	Soluble	Solid	DI Leach	
880-57248-60	SW-6	Soluble	Solid	DI Leach	
MB 880-108554/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108554/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108554/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57248-41 MS	CS-41	Soluble	Solid	DI Leach	
880-57248-41 MSD	CS-41	Soluble	Solid	DI Leach	
880-57248-51 MS	CS-51	Soluble	Solid	DI Leach	
880-57248-51 MSD	CS-51	Soluble	Solid	DI Leach	

Leach Batch: 108555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-61	SW-7	Soluble	Solid	DI Leach	
880-57248-62	SW-8	Soluble	Solid	DI Leach	
880-57248-63	SW-9	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 108555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-64	SW-10	Soluble	Solid	DI Leach	
880-57248-65	SW-11	Soluble	Solid	DI Leach	
880-57248-66	SW-12	Soluble	Solid	DI Leach	
880-57248-67	SW-13	Soluble	Solid	DI Leach	
880-57248-68	SW-14	Soluble	Solid	DI Leach	
MB 880-108555/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108555/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108555/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57248-61 MS	SW-7	Soluble	Solid	DI Leach	
880-57248-61 MSD	SW-7	Soluble	Solid	DI Leach	

Analysis Batch: 108559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-1	CS-1	Soluble	Solid	300.0	108525
880-57248-2	CS-2	Soluble	Solid	300.0	108525
880-57248-3	CS-3	Soluble	Solid	300.0	108525
880-57248-4	CS-4	Soluble	Solid	300.0	108525
880-57248-5	CS-5	Soluble	Solid	300.0	108525
880-57248-6	CS-6	Soluble	Solid	300.0	108525
880-57248-7	CS-7	Soluble	Solid	300.0	108525
880-57248-8	CS-8	Soluble	Solid	300.0	108525
880-57248-9	CS-9	Soluble	Solid	300.0	108525
880-57248-10	CS-10	Soluble	Solid	300.0	108525
880-57248-11	CS-11	Soluble	Solid	300.0	108525
880-57248-12	CS-12	Soluble	Solid	300.0	108525
880-57248-13	CS-13	Soluble	Solid	300.0	108525
880-57248-14	CS-14	Soluble	Solid	300.0	108525
880-57248-15	CS-15	Soluble	Solid	300.0	108525
880-57248-16	CS-16	Soluble	Solid	300.0	108525
880-57248-17	CS-17	Soluble	Solid	300.0	108525
880-57248-18	CS-18	Soluble	Solid	300.0	108525
880-57248-19	CS-19	Soluble	Solid	300.0	108525
880-57248-20	CS-20	Soluble	Solid	300.0	108525
MB 880-108525/1-A	Method Blank	Soluble	Solid	300.0	108525
LCS 880-108525/2-A	Lab Control Sample	Soluble	Solid	300.0	108525
LCSD 880-108525/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108525
880-57248-1 MS	CS-1	Soluble	Solid	300.0	108525
880-57248-1 MSD	CS-1	Soluble	Solid	300.0	108525
880-57248-11 MS	CS-11	Soluble	Solid	300.0	108525
880-57248-11 MSD	CS-11	Soluble	Solid	300.0	108525

Analysis Batch: 108560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-21	CS-21	Soluble	Solid	300.0	108528
880-57248-22	CS-22	Soluble	Solid	300.0	108528
880-57248-23	CS-23	Soluble	Solid	300.0	108528
880-57248-24	CS-24	Soluble	Solid	300.0	108528
880-57248-25	CS-25	Soluble	Solid	300.0	108528
880-57248-26	CS-26	Soluble	Solid	300.0	108528
880-57248-27	CS-27	Soluble	Solid	300.0	108528
880-57248-28	CS-28	Soluble	Solid	300.0	108528

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 108560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-29	CS-29	Soluble	Solid	300.0	108528
880-57248-30	CS-30	Soluble	Solid	300.0	108528
880-57248-31	CS-31	Soluble	Solid	300.0	108528
880-57248-32	CS-32	Soluble	Solid	300.0	108528
880-57248-33	CS-33	Soluble	Solid	300.0	108528
880-57248-34	CS-34	Soluble	Solid	300.0	108528
880-57248-35	CS-35	Soluble	Solid	300.0	108528
880-57248-36	CS-36	Soluble	Solid	300.0	108528
880-57248-37	CS-37	Soluble	Solid	300.0	108528
880-57248-38	CS-38	Soluble	Solid	300.0	108528
880-57248-39	CS-39	Soluble	Solid	300.0	108528
880-57248-40	CS-40	Soluble	Solid	300.0	108528
MB 880-108528/1-A	Method Blank	Soluble	Solid	300.0	108528
LCS 880-108528/2-A	Lab Control Sample	Soluble	Solid	300.0	108528
LCSD 880-108528/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108528
880-57248-21 MS	CS-21	Soluble	Solid	300.0	108528
880-57248-21 MSD	CS-21	Soluble	Solid	300.0	108528
880-57248-31 MS	CS-31	Soluble	Solid	300.0	108528
880-57248-31 MSD	CS-31	Soluble	Solid	300.0	108528

Analysis Batch: 108575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-61	SW-7	Soluble	Solid	300.0	108555
880-57248-62	SW-8	Soluble	Solid	300.0	108555
880-57248-63	SW-9	Soluble	Solid	300.0	108555
880-57248-64	SW-10	Soluble	Solid	300.0	108555
880-57248-65	SW-11	Soluble	Solid	300.0	108555
880-57248-66	SW-12	Soluble	Solid	300.0	108555
880-57248-67	SW-13	Soluble	Solid	300.0	108555
880-57248-68	SW-14	Soluble	Solid	300.0	108555
MB 880-108555/1-A	Method Blank	Soluble	Solid	300.0	108555
LCS 880-108555/2-A	Lab Control Sample	Soluble	Solid	300.0	108555
LCSD 880-108555/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108555
880-57248-61 MS	SW-7	Soluble	Solid	300.0	108555
880-57248-61 MSD	SW-7	Soluble	Solid	300.0	108555

Analysis Batch: 108576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-41	CS-41	Soluble	Solid	300.0	108554
880-57248-42	CS-42	Soluble	Solid	300.0	108554
880-57248-43	CS-43	Soluble	Solid	300.0	108554
880-57248-44	CS-44	Soluble	Solid	300.0	108554
880-57248-45	CS-45	Soluble	Solid	300.0	108554
880-57248-46	CS-46	Soluble	Solid	300.0	108554
880-57248-47	CS-47	Soluble	Solid	300.0	108554
880-57248-48	CS-48	Soluble	Solid	300.0	108554
880-57248-49	CS-49	Soluble	Solid	300.0	108554
880-57248-50	CS-50	Soluble	Solid	300.0	108554
880-57248-51	CS-51	Soluble	Solid	300.0	108554
880-57248-52	CS-52	Soluble	Solid	300.0	108554
880-57248-53	CS-53	Soluble	Solid	300.0	108554

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QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 108576 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57248-54	CS-54	Soluble	Solid	300.0	108554
880-57248-55	SW-1	Soluble	Solid	300.0	108554
880-57248-56	SW-2	Soluble	Solid	300.0	108554
880-57248-57	SW-3	Soluble	Solid	300.0	108554
880-57248-58	SW-4	Soluble	Solid	300.0	108554
880-57248-59	SW-5	Soluble	Solid	300.0	108554
880-57248-60	SW-6	Soluble	Solid	300.0	108554
MB 880-108554/1-A	Method Blank	Soluble	Solid	300.0	108554
LCS 880-108554/2-A	Lab Control Sample	Soluble	Solid	300.0	108554
LCSD 880-108554/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108554
880-57248-41 MS	CS-41	Soluble	Solid	300.0	108554
880-57248-41 MSD	CS-41	Soluble	Solid	300.0	108554
880-57248-51 MS	CS-51	Soluble	Solid	300.0	108554
880-57248-51 MSD	CS-51	Soluble	Solid	300.0	108554

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1

Lab Sample ID: 880-57248-1

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 16:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 16:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 14:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 14:07	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 12:55	CH	EET MID

Client Sample ID: CS-2

Lab Sample ID: 880-57248-2

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 16:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 14:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 14:55	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:12	CH	EET MID

Client Sample ID: CS-3

Lab Sample ID: 880-57248-3

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 15:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:18	CH	EET MID

Client Sample ID: CS-4

Lab Sample ID: 880-57248-4

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 17:12	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4

Lab Sample ID: 880-57248-4

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 15:26	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:23	CH	EET MID

Client Sample ID: CS-5

Lab Sample ID: 880-57248-5

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 17:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 15:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:29	CH	EET MID

Client Sample ID: CS-6

Lab Sample ID: 880-57248-6

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 17:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 15:58	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:46	CH	EET MID

Client Sample ID: CS-7

Lab Sample ID: 880-57248-7

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 16:14	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7

Lab Sample ID: 880-57248-7

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:51	CH	EET MID

Client Sample ID: CS-8

Lab Sample ID: 880-57248-8

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 18:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 16:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 16:30	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 13:57	CH	EET MID

Client Sample ID: CS-9

Lab Sample ID: 880-57248-9

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 18:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 16:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 16:45	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:03	CH	EET MID

Client Sample ID: CS-10

Lab Sample ID: 880-57248-10

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 19:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 17:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 17:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:08	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11**Lab Sample ID: 880-57248-11****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 20:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 17:33	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:14	CH	EET MID

Client Sample ID: CS-12**Lab Sample ID: 880-57248-12****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 21:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 21:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 17:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 17:50	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:31	CH	EET MID

Client Sample ID: CS-13**Lab Sample ID: 880-57248-13****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 21:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 21:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 18:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:36	CH	EET MID

Client Sample ID: CS-14**Lab Sample ID: 880-57248-14****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 21:51	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14

Lab Sample ID: 880-57248-14

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 18:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:54	CH	EET MID

Client Sample ID: CS-15

Lab Sample ID: 880-57248-15

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 22:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 18:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 14:59	CH	EET MID

Client Sample ID: CS-16

Lab Sample ID: 880-57248-16

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 18:55	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 15:05	CH	EET MID

Client Sample ID: CS-17

Lab Sample ID: 880-57248-17

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 19:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 19:11	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 15:10	CH	EET MID

Client Sample ID: CS-18

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 19:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 19:27	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 15:16	CH	EET MID

Client Sample ID: CS-19

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 19:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 15:22	CH	EET MID

Client Sample ID: CS-20

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108563	04/24/25 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108569	04/24/25 23:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 20:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108507	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 20:01	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108525	04/24/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1			108559	04/24/25 15:27	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21**Lab Sample ID: 880-57248-21****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 22:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 22:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 22:12	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 17:26	CH	EET MID

Client Sample ID: CS-22**Lab Sample ID: 880-57248-22****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 22:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 23:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 17:48	CH	EET MID

Client Sample ID: CS-23**Lab Sample ID: 880-57248-23****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 23:17	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 17:55	CH	EET MID

Client Sample ID: CS-24**Lab Sample ID: 880-57248-24****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-24

Lab Sample ID: 880-57248-24

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 23:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 18:02	CH	EET MID

Client Sample ID: CS-25

Lab Sample ID: 880-57248-25

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 23:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/25/25 23:49	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 18:10	CH	EET MID

Client Sample ID: CS-26

Lab Sample ID: 880-57248-26

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/28/25 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 13:03	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 18:31	CH	EET MID

Client Sample ID: CS-27

Lab Sample ID: 880-57248-27

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 00:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 00:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 00:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 00:22	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 18:38	CH	EET MID

Client Sample ID: CS-28

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 00:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 00:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 00:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 00:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 18:45	CH	EET MID

Client Sample ID: CS-29

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 01:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 00:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 00:56	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 18:53	CH	EET MID

Client Sample ID: CS-30

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 01:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 01:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 01:11	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 19:00	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31**Lab Sample ID: 880-57248-31****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 03:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 01:45	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 01:45	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 19:07	CH	EET MID

Client Sample ID: CS-32**Lab Sample ID: 880-57248-32****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 03:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 02:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 02:02	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 19:28	CH	EET MID

Client Sample ID: CS-33**Lab Sample ID: 880-57248-33****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 03:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 02:18	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 19:36	CH	EET MID

Client Sample ID: CS-34**Lab Sample ID: 880-57248-34****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 04:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34

Lab Sample ID: 880-57248-34

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/26/25 02:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 02:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 19:57	CH	EET MID

Client Sample ID: CS-35

Lab Sample ID: 880-57248-35

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 04:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 02:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 02:52	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 20:04	CH	EET MID

Client Sample ID: CS-36

Lab Sample ID: 880-57248-36

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 04:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 03:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 03:10	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 20:12	CH	EET MID

Client Sample ID: CS-37

Lab Sample ID: 880-57248-37

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 05:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 05:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 03:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 03:25	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37

Lab Sample ID: 880-57248-37

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 20:19	CH	EET MID

Client Sample ID: CS-38

Lab Sample ID: 880-57248-38

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 05:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 05:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 03:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 03:43	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 20:26	CH	EET MID

Client Sample ID: CS-39

Lab Sample ID: 880-57248-39

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 05:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 05:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 03:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 03:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 20:33	CH	EET MID

Client Sample ID: CS-40

Lab Sample ID: 880-57248-40

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108564	04/24/25 11:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/25/25 06:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 06:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 04:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108508	04/24/25 08:12	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108705	04/26/25 04:16	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108528	04/24/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1			108560	04/24/25 20:40	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41

Lab Sample ID: 880-57248-41

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/24/25 22:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 14:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 14:07	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 21:38	CH	EET MID

Client Sample ID: CS-42

Lab Sample ID: 880-57248-42

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/24/25 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 22:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 14:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 14:55	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 21:59	CH	EET MID

Client Sample ID: CS-43

Lab Sample ID: 880-57248-43

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/24/25 23:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 15:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 22:06	CH	EET MID

Client Sample ID: CS-44

Lab Sample ID: 880-57248-44

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/24/25 23:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-44

Lab Sample ID: 880-57248-44

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 15:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 22:14	CH	EET MID

Client Sample ID: CS-45

Lab Sample ID: 880-57248-45

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/24/25 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 23:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 15:42	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 22:21	CH	EET MID

Client Sample ID: CS-46

Lab Sample ID: 880-57248-46

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 00:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 00:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 15:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 15:58	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 22:42	CH	EET MID

Client Sample ID: CS-47

Lab Sample ID: 880-57248-47

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 16:14	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-47**Lab Sample ID: 880-57248-47****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 22:49	CH	EET MID

Client Sample ID: CS-48**Lab Sample ID: 880-57248-48****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 00:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 16:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 16:30	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 22:57	CH	EET MID

Client Sample ID: CS-49**Lab Sample ID: 880-57248-49****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 16:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 16:45	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 23:04	CH	EET MID

Client Sample ID: CS-50**Lab Sample ID: 880-57248-50****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 01:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 17:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 17:01	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 23:11	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-51**Lab Sample ID: 880-57248-51****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 02:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 02:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 17:33	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 23:18	CH	EET MID

Client Sample ID: CS-52**Lab Sample ID: 880-57248-52****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 03:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 03:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 17:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 17:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 23:40	CH	EET MID

Client Sample ID: CS-53**Lab Sample ID: 880-57248-53****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 03:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 03:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 18:06	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/24/25 23:47	CH	EET MID

Client Sample ID: CS-54**Lab Sample ID: 880-57248-54****Date Collected: 04/21/25 00:00****Matrix: Solid****Date Received: 04/23/25 14:25**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 03:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54

Lab Sample ID: 880-57248-54

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 18:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:08	CH	EET MID

Client Sample ID: SW-1

Lab Sample ID: 880-57248-55

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 04:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 18:39	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:15	CH	EET MID

Client Sample ID: SW-2

Lab Sample ID: 880-57248-56

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 04:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 04:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 18:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 18:55	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:23	CH	EET MID

Client Sample ID: SW-3

Lab Sample ID: 880-57248-57

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 04:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 19:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 19:11	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:30	CH	EET MID

Client Sample ID: SW-4

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 05:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 19:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 19:27	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:37	CH	EET MID

Client Sample ID: SW-5

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 05:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 05:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 19:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:44	CH	EET MID

Client Sample ID: SW-6

Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108565	04/24/25 11:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108512	04/25/25 05:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/25/25 05:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 20:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108509	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 20:01	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108554	04/24/25 10:49	SMC	EET MID
Soluble	Analysis	300.0		1			108576	04/25/25 00:51	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7

Lab Sample ID: 880-57248-61

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108524	04/24/25 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108521	04/24/25 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 14:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 22:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 22:12	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 16:13	CH	EET MID

Client Sample ID: SW-8

Lab Sample ID: 880-57248-62

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108524	04/24/25 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108521	04/24/25 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 14:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 23:00	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 16:29	CH	EET MID

Client Sample ID: SW-9

Lab Sample ID: 880-57248-63

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108524	04/24/25 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108521	04/24/25 14:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 23:17	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 16:35	CH	EET MID

Client Sample ID: SW-10

Lab Sample ID: 880-57248-64

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108524	04/24/25 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108521	04/24/25 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 15:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10

Lab Sample ID: 880-57248-64

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 23:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 16:41	CH	EET MID

Client Sample ID: SW-11

Lab Sample ID: 880-57248-65

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108524	04/24/25 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108521	04/24/25 15:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 15:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/25/25 23:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/25/25 23:49	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 16:46	CH	EET MID

Client Sample ID: SW-12

Lab Sample ID: 880-57248-66

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108522	04/24/25 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 13:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 00:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/26/25 00:05	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 17:03	CH	EET MID

Client Sample ID: SW-13

Lab Sample ID: 880-57248-67

Date Collected: 04/21/25 00:00

Matrix: Solid

Date Received: 04/23/25 14:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108522	04/24/25 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 13:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 00:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/26/25 00:22	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 17:09	CH	EET MID

Client Sample ID: SW-14
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:25

Lab Sample ID: 880-57248-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108522	04/24/25 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108515	04/24/25 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108588	04/24/25 14:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			108796	04/26/25 00:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108510	04/24/25 08:13	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108708	04/26/25 00:38	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108555	04/24/25 10:53	SMC	EET MID
Soluble	Analysis	300.0		1			108575	04/24/25 17:15	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57248-1	CS-1	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-2	CS-2	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-3	CS-3	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-4	CS-4	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-5	CS-5	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-6	CS-6	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-7	CS-7	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-8	CS-8	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-9	CS-9	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-10	CS-10	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-11	CS-11	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-12	CS-12	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-13	CS-13	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-14	CS-14	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-15	CS-15	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-16	CS-16	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-17	CS-17	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-18	CS-18	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-19	CS-19	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-20	CS-20	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-21	CS-21	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-22	CS-22	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-23	CS-23	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-24	CS-24	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-25	CS-25	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-26	CS-26	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-27	CS-27	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-28	CS-28	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-29	CS-29	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-30	CS-30	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-31	CS-31	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-32	CS-32	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-33	CS-33	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-34	CS-34	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-35	CS-35	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-36	CS-36	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-37	CS-37	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-38	CS-38	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-39	CS-39	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-40	CS-40	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-41	CS-41	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-42	CS-42	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-43	CS-43	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-44	CS-44	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-45	CS-45	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-46	CS-46	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-47	CS-47	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-48	CS-48	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-49	CS-49	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-50	CS-50	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-51	CS-51	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-52	CS-52	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-53	CS-53	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-54	CS-54	Solid	04/21/25 00:00	04/23/25 14:25

Sample Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57248-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57248-55	SW-1	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-56	SW-2	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-57	SW-3	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-58	SW-4	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-59	SW-5	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-60	SW-6	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-61	SW-7	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-62	SW-8	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-63	SW-9	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-64	SW-10	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-65	SW-11	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-66	SW-12	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-67	SW-13	Solid	04/21/25 00:00	04/23/25 14:25
880-57248-68	SW-14	Solid	04/21/25 00:00	04/23/25 14:25

Chain of Custody



880-57248 Chain of Custody

Page 1 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offsite PW Spill		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT																		Cool: Cool MeOH: Me							
Sampler's Name:		JR																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☒		Wet Ice:		Yes ☒ No ☒																		H ₃ PO ₄ : HP					
Received Intact:		Yes ☒ No ☒		Thermometer ID:		TR5																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes ☒ No ☒ N/A		Correction Factor:		-																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes ☒ No ☒ N/A		Temperature Reading:		-0.1																		Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		-0.2																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont																		Sample Comments	
CS-1 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-2 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-3 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-4 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-5 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-6 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-7 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-8 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-9 (4.5')		4/21/2025				X				Comp		1		x x x																	
CS-10 (4.5')		4/21/2025				X				Comp		1		x x x																	

Comments:			

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		4/23/25 @ 14:20				4/23/25 1425	

Work Order No: _____

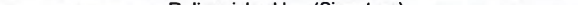
Page 2 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADaPT ☐ Other: _____

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/23/25 @ 14:29		4/23/25 1425

Chain of Custody

Work Order No: _____

Page 3 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offsite PW Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT														Cool: Cool MeOH: Me							
Sampler's Name:		JR																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-21 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-22 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-23 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-24 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-25 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-26 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-27 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-28 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-29 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-30 (4.5')		4/21/2025				X				Comp		1		x x x													

Comments:	

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		4/23/25 @ 14:25				4/23/25 1425	

Work Order No: _____

Work Order Comments

Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADaPT ☐ Other:			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/23/25 @ 14:25		4/23/25 1425

Chain of Custody

Work Order No: _____

Page 5 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offsite PW Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT														Cool: Cool MeOH: Me							
Sampler's Name:		JR																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-41 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-42 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-43 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-44 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-45 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-46 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-47 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-48 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-49 (4.5')		4/21/2025				X				Comp		1		x x x													
CS-50 (4.5')		4/21/2025				X				Comp		1		x x x													

Comments:	

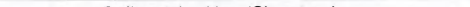
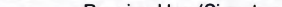
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		4/23/25 @ 14:25				4/23/25 1425	

Work Order No: _____

Page 6 of 7

Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADaPT ☐ Other:			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/23/25@14:25		4/23/25 1425

Work Order No: _____

Work Order Comments

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ Deliverables: EDD ☐ ADaPT ☐ Other:	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4/23/20 @ 14:25	<i>[Signature]</i>	4/23/20 1425

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57248-1

SDG Number: Lea County, New Mexico

Login Number: 57248

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/29/2025 3:09:53 PM

JOB DESCRIPTION

Flofy Cat Offsite PW SPill
Lea County, New Mexico

JOB NUMBER

880-57342-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/29/2025 3:09:53 PM

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

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Laboratory Job ID: 880-57342-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1

Job ID: 880-57342-1

Eurofins Midland

Job Narrative 880-57342-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 4/24/2025 4:47 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.1°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-108570 and analytical batch 880-108643 was outside the control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108675 and analytical batch 880-108784 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: The surrogate recovery for the blank associated with preparation batch 880-108675 and analytical batch 880-108784 was outside the control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-108784/51). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108637 and 880-108638 and analytical batch 880-108762 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-55 (4.5') (880-57342-1), CS-56 (4.5') (880-57342-2), CS-57 (4.5') (880-57342-3), CS-58 (4.5') (880-57342-4), CS-59 (4.5') (880-57342-5), CS-60 (4.5') (880-57342-6), CS-61 (4.5') (880-57342-7), CS-62 (4.5') (880-57342-8), CS-63 (4.5') (880-57342-9), CS-64 (4.5') (880-57342-10), CS-65 (4.5') (880-57342-11), CS-66 (4.5') (880-57342-12), CS-67 (4.5') (880-57342-13), CS-68 (4.5') (880-57342-14), CS-69 (4.5') (880-57342-15), CS-70 (4.5') (880-57342-16), CS-71 (4.5') (880-57342-17), CS-72 (4.5') (880-57342-18), CS-73 (4.5') (880-57342-19), CS-74 (4.5') (880-57342-20), CS-75 (4.5') (880-57342-21), CS-76 (4.5') (880-57342-22), CS-77 (4.5') (880-57342-23), CS-78 (4.5') (880-57342-24), CS-79 (4.5') (880-57342-25), CS-80 (4.5') (880-57342-26), CS-81 (4.5') (880-57342-27), CS-82 (4.5') (880-57342-28), CS-83 (4.5') (880-57342-29), CS-84 (4.5') (880-57342-30), CS-85 (4.5') (880-57342-31), CS-86 (4.5') (880-57342-32), CS-87 (4.5') (880-57342-33), CS-88 (4.5') (880-57342-34), CS-89 (4.5') (880-57342-35), CS-90 (4.5') (880-57342-36), CS-91 (4.5') (880-57342-37), CS-92 (4.5') (880-57342-38), CS-93 (4.5') (880-57342-39), CS-94 (4.5') (880-57342-40), (LCS 880-108638/2-A), (LCSD 880-108638/3-A), (880-57342-A-1-CM MS), (880-57342-A-1-CN MSD), (880-57342-A-21-B MS) and (880-57342-A-21-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-108638 and analytical batch 880-108762 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-108637/3-A). Evidence

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Case Narrative

Client: Carmona Resources
Project: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1

Job ID: 880-57342-1 (Continued)**Eurofins Midland**

of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-108640 and analytical batch 880-108847 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-98 (4.5') (880-57342-44). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108665 and analytical batch 880-108683 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-57342-1

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:26	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/25/25 22:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/25/25 22:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/25/25 10:35	04/25/25 22:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/25 10:35	04/25/25 22:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 00:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 00:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	179	S1+	70 - 130	04/25/25 07:41	04/27/25 00:08	1
o-Terphenyl (Surr)	162	S1+	70 - 130	04/25/25 07:41	04/27/25 00:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		9.96		mg/Kg			04/25/25 13:41	1

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-57342-2

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:47	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:35	04/25/25 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:35	04/25/25 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/25/25 10:35	04/25/25 22:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/25 10:35	04/25/25 22:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-57342-2

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/25/25 22:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 00:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 00:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	171	S1+	70 - 130				04/25/25 07:41	04/27/25 00:57	1
o-Terphenyl (Surr)	156	S1+	70 - 130				04/25/25 07:41	04/27/25 00:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		10.1		mg/Kg			04/25/25 13:48	1

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-57342-3

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/25/25 23:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/25/25 23:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/25/25 10:35	04/25/25 23:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/25/25 10:35	04/25/25 23:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 01:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 01:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-57342-3

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	177	S1+	70 - 130				04/25/25 07:41	04/27/25 01:12	1
o-Terphenyl (Surr)	160	S1+	70 - 130				04/25/25 07:41	04/27/25 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		10.1		mg/Kg			04/25/25 13:55	1

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-57342-4

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/25/25 23:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/25/25 23:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/25/25 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/25/25 10:35	04/25/25 23:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 10:35	04/25/25 23:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 01:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 01:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	175	S1+	70 - 130				04/25/25 07:41	04/27/25 01:29	1
o-Terphenyl (Surr)	159	S1+	70 - 130				04/25/25 07:41	04/27/25 01:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		10.1		mg/Kg			04/25/25 14:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-57342-5

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 23:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 23:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 23:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/25/25 23:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 23:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/25/25 23:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/25/25 10:35	04/25/25 23:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/25 10:35	04/25/25 23:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 23:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 01:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 01:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 01:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	178	S1+	70 - 130	04/25/25 07:41	04/27/25 01:44	1
o-Terphenyl (Surr)	160	S1+	70 - 130	04/25/25 07:41	04/27/25 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		10.1		mg/Kg			04/25/25 14:24	1

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-57342-6

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:35	04/26/25 00:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:35	04/26/25 00:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:35	04/26/25 00:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/25/25 10:35	04/26/25 00:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:35	04/26/25 00:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/25/25 10:35	04/26/25 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/25/25 10:35	04/26/25 00:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/25/25 10:35	04/26/25 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-57342-6

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/26/25 00:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 02:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 02:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 02:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	170	S1+	70 - 130				04/25/25 07:41	04/27/25 02:00	1
o-Terphenyl (Surr)	148	S1+	70 - 130				04/25/25 07:41	04/27/25 02:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.4		9.98		mg/Kg			04/25/25 14:31	1

Client Sample ID: CS-61 (4.5')

Lab Sample ID: 880-57342-7

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 00:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 00:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 00:29	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:35	04/26/25 00:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 00:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:35	04/26/25 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				04/25/25 10:35	04/26/25 00:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 10:35	04/26/25 00:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/26/25 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 02:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 02:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-61 (4.5')

Lab Sample ID: 880-57342-7

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	161	S1+	70 - 130				04/25/25 07:41	04/27/25 02:16	1
o-Terphenyl (Surr)	142	S1+	70 - 130				04/25/25 07:41	04/27/25 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		9.94		mg/Kg			04/25/25 14:38	1

Client Sample ID: CS-62 (4.5')

Lab Sample ID: 880-57342-8

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 00:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 00:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 00:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 00:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 00:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/25/25 10:35	04/26/25 00:50	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 10:35	04/26/25 00:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	169	S1+	70 - 130				04/25/25 07:41	04/27/25 02:32	1
o-Terphenyl (Surr)	148	S1+	70 - 130				04/25/25 07:41	04/27/25 02:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.8		10.0		mg/Kg			04/25/25 14:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-57342-9

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:35	04/26/25 01:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:35	04/26/25 01:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:35	04/26/25 01:10	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/25/25 10:35	04/26/25 01:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:35	04/26/25 01:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/25/25 10:35	04/26/25 01:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/25/25 10:35	04/26/25 01:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/25/25 10:35	04/26/25 01:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/26/25 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 02:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 02:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 02:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	158	S1+	70 - 130				04/25/25 07:41	04/27/25 02:49	1
o-Terphenyl (Surr)	138	S1+	70 - 130				04/25/25 07:41	04/27/25 02:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.4		10.0		mg/Kg			04/25/25 14:53	1

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-57342-10

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 01:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 01:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 01:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 01:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 01:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/25 10:35	04/26/25 01:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 10:35	04/26/25 01:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-57342-10

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 01:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 03:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 03:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 03:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	165	S1+	70 - 130				04/25/25 07:41	04/27/25 03:04	1
o-Terphenyl (Surr)	144	S1+	70 - 130				04/25/25 07:41	04/27/25 03:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		10.0		mg/Kg			04/25/25 15:00	1

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-57342-11

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 02:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 02:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 02:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/26/25 02:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 02:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/26/25 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/25/25 10:35	04/26/25 02:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 10:35	04/26/25 02:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/25 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 03:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 03:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 03:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-57342-11

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	165	S1+	70 - 130				04/25/25 07:41	04/27/25 03:37	1
o-Terphenyl (Surr)	145	S1+	70 - 130				04/25/25 07:41	04/27/25 03:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		9.96		mg/Kg			04/25/25 15:21	1

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-57342-12

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 03:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 03:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 03:15	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:35	04/26/25 03:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 03:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:35	04/26/25 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/25/25 10:35	04/26/25 03:15	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/25/25 10:35	04/26/25 03:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/26/25 03:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 03:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 03:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 03:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	162	S1+	70 - 130				04/25/25 07:41	04/27/25 03:53	1
o-Terphenyl (Surr)	143	S1+	70 - 130				04/25/25 07:41	04/27/25 03:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	206		9.98		mg/Kg			04/25/25 15:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-57342-13

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 03:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/25/25 10:35	04/26/25 03:35	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/25 10:35	04/26/25 03:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 03:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 04:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 04:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 04:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	166	S1+	70 - 130	04/25/25 07:41	04/27/25 04:09	1
o-Terphenyl (Surr)	144	S1+	70 - 130	04/25/25 07:41	04/27/25 04:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	206		9.98		mg/Kg			04/25/25 15:50	1

Client Sample ID: CS-68 (4.5')

Lab Sample ID: 880-57342-14

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 03:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 03:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/25/25 10:35	04/26/25 03:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/25/25 10:35	04/26/25 03:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-68 (4.5')

Lab Sample ID: 880-57342-14

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 04:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 04:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	162	S1+	70 - 130				04/25/25 07:41	04/27/25 04:25	1
o-Terphenyl (Surr)	144	S1+	70 - 130				04/25/25 07:41	04/27/25 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		10.1		mg/Kg			04/25/25 15:57	1

Client Sample ID: CS-69 (4.5')

Lab Sample ID: 880-57342-15

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/26/25 04:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/26/25 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/25/25 10:35	04/26/25 04:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/25/25 10:35	04/26/25 04:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/25 04:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 04:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 04:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-69 (4.5')

Lab Sample ID: 880-57342-15

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	167	S1+	70 - 130				04/25/25 07:41	04/27/25 04:41	1
o-Terphenyl (Surr)	149	S1+	70 - 130				04/25/25 07:41	04/27/25 04:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.5		10.1		mg/Kg			04/25/25 16:04	1

Client Sample ID: CS-70 (4.5')

Lab Sample ID: 880-57342-16

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:35	04/26/25 04:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:35	04/26/25 04:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:35	04/26/25 04:36	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/25/25 10:35	04/26/25 04:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:35	04/26/25 04:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/25/25 10:35	04/26/25 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/25 10:35	04/26/25 04:36	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/25/25 10:35	04/26/25 04:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/26/25 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 04:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 04:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	174	S1+	70 - 130				04/25/25 07:41	04/27/25 04:57	1
o-Terphenyl (Surr)	157	S1+	70 - 130				04/25/25 07:41	04/27/25 04:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		10.0		mg/Kg			04/25/25 16:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-71 (4.5')

Lab Sample ID: 880-57342-17

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/26/25 04:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 04:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:35	04/26/25 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/25/25 10:35	04/26/25 04:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/25/25 10:35	04/26/25 04:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/25 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 05:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 05:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 05:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 05:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	160	S1+	70 - 130	04/25/25 07:41	04/27/25 05:14	1
o-Terphenyl (Surr)	143	S1+	70 - 130	04/25/25 07:41	04/27/25 05:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		9.96		mg/Kg			04/25/25 16:19	1

Client Sample ID: CS-72 (4.5')

Lab Sample ID: 880-57342-18

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 05:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 05:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 05:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 05:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:35	04/26/25 05:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:35	04/26/25 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/25/25 10:35	04/26/25 05:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/25 10:35	04/26/25 05:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-72 (4.5')

Lab Sample ID: 880-57342-18

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 05:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 05:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 05:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 05:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	164	S1+	70 - 130				04/25/25 07:41	04/27/25 05:30	1
o-Terphenyl (Surr)	145	S1+	70 - 130				04/25/25 07:41	04/27/25 05:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		9.94		mg/Kg			04/25/25 16:26	1

Client Sample ID: CS-73 (4.5')

Lab Sample ID: 880-57342-19

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:38	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:35	04/26/25 05:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:35	04/26/25 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/25/25 10:35	04/26/25 05:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 10:35	04/26/25 05:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/26/25 05:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 05:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 05:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 05:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-73 (4.5')

Lab Sample ID: 880-57342-19

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	163	S1+	70 - 130				04/25/25 07:41	04/27/25 05:46	1
o-Terphenyl (Surr)	143	S1+	70 - 130				04/25/25 07:41	04/27/25 05:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		10.0		mg/Kg			04/25/25 16:33	1

Client Sample ID: CS-74 (4.5')

Lab Sample ID: 880-57342-20

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:59	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:35	04/26/25 05:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/26/25 05:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:35	04/26/25 05:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/25/25 10:35	04/26/25 05:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/25/25 10:35	04/26/25 05:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/26/25 05:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 06:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 06:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	166	S1+	70 - 130				04/25/25 07:41	04/27/25 06:02	1
o-Terphenyl (Surr)	146	S1+	70 - 130				04/25/25 07:41	04/27/25 06:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		9.98		mg/Kg			04/25/25 18:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-75 (4.5')

Lab Sample ID: 880-57342-21

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:47	1
Toluene	0.00430		0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/25/25 10:38	04/28/25 11:47	1
1,4-Difluorobenzene (Surr)	71		70 - 130				04/25/25 10:38	04/28/25 11:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00430		0.00399		mg/Kg			04/28/25 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 08:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 08:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 08:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 08:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130				04/25/25 07:41	04/27/25 08:11	1
o-Terphenyl (Surr)	151	S1+	70 - 130				04/25/25 07:41	04/27/25 08:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		9.96		mg/Kg			04/25/25 18:23	1

Client Sample ID: CS-76 (4.5')

Lab Sample ID: 880-57342-22

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 12:08	1
Ethylbenzene	0.00405		0.00200		mg/Kg		04/25/25 10:38	04/28/25 12:08	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:38	04/28/25 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 12:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:38	04/28/25 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/25/25 10:38	04/28/25 12:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/25/25 10:38	04/28/25 12:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-76 (4.5')

Lab Sample ID: 880-57342-22

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00405		0.00401		mg/Kg			04/28/25 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 08:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 08:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 08:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	173	S1+	70 - 130				04/25/25 07:41	04/27/25 08:59	1
o-Terphenyl (Surr)	156	S1+	70 - 130				04/25/25 07:41	04/27/25 08:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		10.1		mg/Kg			04/25/25 18:29	1

Client Sample ID: CS-77 (4.5')

Lab Sample ID: 880-57342-23

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 12:29	1
o-Xylene	0.00305		0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/25/25 10:38	04/28/25 12:29	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/25/25 10:38	04/28/25 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/28/25 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 09:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 09:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 09:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-77 (4.5')

Lab Sample ID: 880-57342-23

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 09:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	177	S1+	70 - 130				04/25/25 07:41	04/27/25 09:15	1
o-Terphenyl (Surr)	160	S1+	70 - 130				04/25/25 07:41	04/27/25 09:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		10.0		mg/Kg			04/25/25 18:35	1

Client Sample ID: CS-78 (4.5')

Lab Sample ID: 880-57342-24

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:49	1
Ethylbenzene	0.00683		0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/25/25 10:38	04/28/25 12:49	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/25/25 10:38	04/28/25 12:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00683		0.00398		mg/Kg			04/28/25 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 09:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 09:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 09:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	166	S1+	70 - 130				04/25/25 07:41	04/27/25 09:32	1
o-Terphenyl (Surr)	149	S1+	70 - 130				04/25/25 07:41	04/27/25 09:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		10.0		mg/Kg			04/25/25 18:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-79 (4.5')

Lab Sample ID: 880-57342-25

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 13:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/25/25 10:38	04/28/25 13:10	1
1,4-Difluorobenzene (Surr)	83		70 - 130				04/25/25 10:38	04/28/25 13:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/28/25 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 09:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/25/25 07:41	04/27/25 09:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:41	04/27/25 09:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 09:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130				04/25/25 07:41	04/27/25 09:48	1
o-Terphenyl (Surr)	150	S1+	70 - 130				04/25/25 07:41	04/27/25 09:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		10.0		mg/Kg			04/25/25 18:57	1

Client Sample ID: CS-80 (4.5')

Lab Sample ID: 880-57342-26

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:38	04/28/25 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:38	04/28/25 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:38	04/28/25 13:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/25/25 10:38	04/28/25 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:38	04/28/25 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/25/25 10:38	04/28/25 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/25/25 10:38	04/28/25 13:30	1
1,4-Difluorobenzene (Surr)	83		70 - 130				04/25/25 10:38	04/28/25 13:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-80 (4.5')

Lab Sample ID: 880-57342-26

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/28/25 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 10:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 10:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 10:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	167	S1+	70 - 130				04/25/25 07:41	04/27/25 10:05	1
o-Terphenyl (Surr)	148	S1+	70 - 130				04/25/25 07:41	04/27/25 10:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		10.0		mg/Kg			04/25/25 19:03	1

Client Sample ID: CS-81 (4.5')

Lab Sample ID: 880-57342-27

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:51	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:38	04/28/25 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 13:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:38	04/28/25 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				04/25/25 10:38	04/28/25 13:51	1
1,4-Difluorobenzene (Surr)	85		70 - 130				04/25/25 10:38	04/28/25 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/28/25 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 10:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 10:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 10:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-81 (4.5')

Lab Sample ID: 880-57342-27

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 10:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	166	S1+	70 - 130				04/25/25 07:41	04/27/25 10:21	1
o-Terphenyl (Surr)	145	S1+	70 - 130				04/25/25 07:41	04/27/25 10:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		9.98		mg/Kg			04/25/25 19:09	1

Client Sample ID: CS-82 (4.5')

Lab Sample ID: 880-57342-28

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 14:11	1
Ethylbenzene	0.00264		0.00199		mg/Kg		04/25/25 10:38	04/28/25 14:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/25/25 10:38	04/28/25 14:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/25/25 10:38	04/28/25 14:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/28/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 10:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 10:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 10:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 10:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130				04/25/25 07:41	04/27/25 10:37	1
o-Terphenyl (Surr)	140	S1+	70 - 130				04/25/25 07:41	04/27/25 10:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		9.92		mg/Kg			04/25/25 19:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-83 (4.5')

Lab Sample ID: 880-57342-29

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00273		0.00198		mg/Kg		04/25/25 10:38	04/28/25 14:32	1
Toluene	0.00236		0.00198		mg/Kg		04/25/25 10:38	04/28/25 14:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:38	04/28/25 14:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/25/25 10:38	04/28/25 14:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:38	04/28/25 14:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/25/25 10:38	04/28/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/25/25 10:38	04/28/25 14:32	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/25/25 10:38	04/28/25 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00509		0.00396		mg/Kg			04/28/25 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 10:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		04/25/25 07:41	04/27/25 10:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/25/25 07:41	04/27/25 10:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	157	S1+	70 - 130				04/25/25 07:41	04/27/25 10:53	1
o-Terphenyl (Surr)	138	S1+	70 - 130				04/25/25 07:41	04/27/25 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		9.94		mg/Kg			04/25/25 19:20	1

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-57342-30

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 16:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 16:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 16:35	1
m,p-Xylenes	0.00410		0.00398		mg/Kg		04/25/25 10:38	04/28/25 16:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 16:35	1
Xylenes, Total	0.00410		0.00398		mg/Kg		04/25/25 10:38	04/28/25 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/25/25 10:38	04/28/25 16:35	1
1,4-Difluorobenzene (Surr)	78		70 - 130				04/25/25 10:38	04/28/25 16:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-57342-30

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00410		0.00398		mg/Kg			04/28/25 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		04/25/25 07:41	04/27/25 11:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:41	04/27/25 11:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 11:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	151	S1+	70 - 130				04/25/25 07:41	04/27/25 11:10	1
o-Terphenyl (Surr)	133	S1+	70 - 130				04/25/25 07:41	04/27/25 11:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123	F1	10.1		mg/Kg			04/25/25 19:25	1

Client Sample ID: CS-85 (4.5')

Lab Sample ID: 880-57342-31

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 16:56	1
Ethylbenzene	0.00260		0.00200		mg/Kg		04/25/25 10:38	04/28/25 16:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 16:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/25/25 10:38	04/28/25 16:56	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/25/25 10:38	04/28/25 16:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/28/25 16:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 11:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 11:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-85 (4.5')

Lab Sample ID: 880-57342-31

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 11:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130				04/25/25 07:41	04/27/25 11:41	1
o-Terphenyl (Surr)	136	S1+	70 - 130				04/25/25 07:41	04/27/25 11:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		10.1		mg/Kg			04/25/25 19:42	1

Client Sample ID: CS-86 (4.5')

Lab Sample ID: 880-57342-32

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00249		0.00200		mg/Kg		04/25/25 10:38	04/28/25 17:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 17:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 17:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:38	04/28/25 17:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 17:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:38	04/28/25 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/25/25 10:38	04/28/25 17:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/25/25 10:38	04/28/25 17:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/28/25 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		04/25/25 07:41	04/27/25 11:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:41	04/27/25 11:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 11:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	157	S1+	70 - 130				04/25/25 07:41	04/27/25 11:58	1
o-Terphenyl (Surr)	140	S1+	70 - 130				04/25/25 07:41	04/27/25 11:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		10.1		mg/Kg			04/25/25 19:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-87 (4.5')

Lab Sample ID: 880-57342-33

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:37	1
Toluene	0.00214		0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 17:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/25/25 10:38	04/28/25 17:37	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/25/25 10:38	04/28/25 17:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/28/25 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 12:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 12:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 12:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	328	S1+	70 - 130				04/25/25 07:41	04/27/25 12:14	1
o-Terphenyl (Surr)	297	S1+	70 - 130				04/25/25 07:41	04/27/25 12:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		9.96		mg/Kg			04/25/25 20:05	1

Client Sample ID: CS-88 (4.5')

Lab Sample ID: 880-57342-34

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 17:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 17:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/25/25 10:38	04/28/25 17:57	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/25/25 10:38	04/28/25 17:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-88 (4.5')

Lab Sample ID: 880-57342-34

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/28/25 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/25/25 07:41	04/27/25 12:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:41	04/27/25 12:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	327	S1+	70 - 130				04/25/25 07:41	04/27/25 12:31	1
o-Terphenyl (Surr)	296	S1+	70 - 130				04/25/25 07:41	04/27/25 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		9.94		mg/Kg			04/25/25 20:11	1

Client Sample ID: CS-89 (4.5')

Lab Sample ID: 880-57342-35

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00219		0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 18:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/25/25 10:38	04/28/25 18:18	1
1,4-Difluorobenzene (Surr)	77		70 - 130				04/25/25 10:38	04/28/25 18:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/28/25 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 12:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 12:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-89 (4.5')

Lab Sample ID: 880-57342-35

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	168	S1+	70 - 130				04/25/25 07:41	04/27/25 12:47	1
o-Terphenyl (Surr)	150	S1+	70 - 130				04/25/25 07:41	04/27/25 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		9.92		mg/Kg			04/25/25 20:16	1

Client Sample ID: CS-90 (4.5')

Lab Sample ID: 880-57342-36

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:38	04/28/25 18:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:38	04/28/25 18:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:38	04/28/25 18:38	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/25/25 10:38	04/28/25 18:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:38	04/28/25 18:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/25/25 10:38	04/28/25 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/25/25 10:38	04/28/25 18:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/25/25 10:38	04/28/25 18:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/28/25 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/27/25 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 13:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:41	04/27/25 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/27/25 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130				04/25/25 07:41	04/27/25 13:03	1
o-Terphenyl (Surr)	137	S1+	70 - 130				04/25/25 07:41	04/27/25 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		10.0		mg/Kg			04/25/25 20:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-91 (4.5')

Lab Sample ID: 880-57342-37

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 18:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:38	04/28/25 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/25/25 10:38	04/28/25 18:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/25/25 10:38	04/28/25 18:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/28/25 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 13:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 13:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	158	S1+	70 - 130	04/25/25 07:41	04/27/25 13:19	1
o-Terphenyl (Surr)	140	S1+	70 - 130	04/25/25 07:41	04/27/25 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.98		mg/Kg			04/25/25 20:28	1

Client Sample ID: CS-92 (4.5')

Lab Sample ID: 880-57342-38

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 19:19	1
Toluene	0.00244		0.00199		mg/Kg		04/25/25 10:38	04/28/25 19:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 19:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 19:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:38	04/28/25 19:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:38	04/28/25 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/25/25 10:38	04/28/25 19:19	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/25/25 10:38	04/28/25 19:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-92 (4.5')

Lab Sample ID: 880-57342-38

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/28/25 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/25/25 07:41	04/27/25 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:41	04/27/25 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	155	S1+	70 - 130				04/25/25 07:41	04/27/25 13:36	1
o-Terphenyl (Surr)	137	S1+	70 - 130				04/25/25 07:41	04/27/25 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		10.1		mg/Kg			04/25/25 20:33	1

Client Sample ID: CS-93 (4.5')

Lab Sample ID: 880-57342-39

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 19:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 19:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 19:40	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:38	04/28/25 19:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 19:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:38	04/28/25 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				04/25/25 10:38	04/28/25 19:40	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/25/25 10:38	04/28/25 19:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/28/25 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/27/25 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 13:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:41	04/27/25 13:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-93 (4.5')

Lab Sample ID: 880-57342-39

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/27/25 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	157	S1+	70 - 130				04/25/25 07:41	04/27/25 13:52	1
o-Terphenyl (Surr)	139	S1+	70 - 130				04/25/25 07:41	04/27/25 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		10.1		mg/Kg			04/25/25 20:39	1

Client Sample ID: CS-94 (4.5')

Lab Sample ID: 880-57342-40

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 02:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 02:01	1
Ethylbenzene	0.00273		0.00200		mg/Kg		04/25/25 10:44	04/29/25 02:01	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:44	04/29/25 02:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 02:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:44	04/29/25 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/25/25 10:44	04/29/25 02:01	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/25/25 10:44	04/29/25 02:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/29/25 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		04/25/25 07:41	04/27/25 14:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:41	04/27/25 14:09	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/27/25 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	159	S1+	70 - 130				04/25/25 07:41	04/27/25 14:09	1
o-Terphenyl (Surr)	139	S1+	70 - 130				04/25/25 07:41	04/27/25 14:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		9.94		mg/Kg			04/25/25 17:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-95 (4.5')

Lab Sample ID: 880-57342-41

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/25/25 22:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/25/25 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/25/25 10:40	04/25/25 22:59	1
1,4-Difluorobenzene (Surr)	76		70 - 130	04/25/25 10:40	04/25/25 22:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 12:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 12:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	04/25/25 07:41	04/28/25 12:18	1
o-Terphenyl (Surr)	114		70 - 130	04/25/25 07:41	04/28/25 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	286		9.90		mg/Kg			04/25/25 17:52	1

Client Sample ID: CS-96 (4.5')

Lab Sample ID: 880-57342-42

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 23:20	1
Toluene	0.00495		0.00200		mg/Kg		04/25/25 10:40	04/25/25 23:20	1
Ethylbenzene	0.00360		0.00200		mg/Kg		04/25/25 10:40	04/25/25 23:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:40	04/25/25 23:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 23:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:40	04/25/25 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/25/25 10:40	04/25/25 23:20	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/25 10:40	04/25/25 23:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-96 (4.5')

Lab Sample ID: 880-57342-42

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00855		0.00401		mg/Kg			04/25/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 13:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				04/25/25 07:41	04/28/25 13:03	1
o-Terphenyl (Surr)	108		70 - 130				04/25/25 07:41	04/28/25 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		9.92		mg/Kg			04/25/25 17:59	1

Client Sample ID: CS-97 (4.5')

Lab Sample ID: 880-57342-43

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/25/25 23:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/25/25 23:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/25/25 23:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/25/25 23:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/25/25 23:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/25/25 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				04/25/25 10:40	04/25/25 23:40	1
1,4-Difluorobenzene (Surr)	82		70 - 130				04/25/25 10:40	04/25/25 23:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 13:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 13:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-97 (4.5')

Lab Sample ID: 880-57342-43

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/25/25 07:41	04/28/25 13:19	1
o-Terphenyl (Surr)	106		70 - 130				04/25/25 07:41	04/28/25 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	285		9.92		mg/Kg			04/25/25 18:06	1

Client Sample ID: CS-98 (4.5')

Lab Sample ID: 880-57342-44

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 00:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 00:01	1
Ethylbenzene	0.00377		0.00199		mg/Kg		04/25/25 10:40	04/26/25 00:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 00:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 00:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/25 10:40	04/26/25 00:01	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/25/25 10:40	04/26/25 00:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 00:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 13:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 13:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	S1+	70 - 130				04/25/25 07:41	04/28/25 13:33	1
o-Terphenyl (Surr)	127		70 - 130				04/25/25 07:41	04/28/25 13:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	272		9.96		mg/Kg			04/25/25 18:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-99 (4.5')

Lab Sample ID: 880-57342-45

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 00:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 00:21	1
Ethylbenzene	0.00233		0.00200		mg/Kg		04/25/25 10:40	04/26/25 00:21	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 00:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 00:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/25/25 10:40	04/26/25 00:21	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/25/25 10:40	04/26/25 00:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/25 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 13:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 13:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/25/25 07:41	04/28/25 13:48	1
o-Terphenyl (Surr)	105		70 - 130				04/25/25 07:41	04/28/25 13:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		10.0		mg/Kg			04/25/25 18:47	1

Client Sample ID: CS-100 (4.5')

Lab Sample ID: 880-57342-46

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:40	04/26/25 00:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:40	04/26/25 00:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:40	04/26/25 00:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/25/25 10:40	04/26/25 00:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:40	04/26/25 00:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/25/25 10:40	04/26/25 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/25/25 10:40	04/26/25 00:42	1
1,4-Difluorobenzene (Surr)	81		70 - 130				04/25/25 10:40	04/26/25 00:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-100 (4.5')

Lab Sample ID: 880-57342-46

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/26/25 00:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 14:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 14:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/25/25 07:41	04/28/25 14:04	1
o-Terphenyl (Surr)	106		70 - 130				04/25/25 07:41	04/28/25 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		10.0		mg/Kg			04/25/25 18:55	1

Client Sample ID: CS-101 (4.5')

Lab Sample ID: 880-57342-47

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00364		0.00200		mg/Kg		04/25/25 10:40	04/26/25 01:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 01:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 01:03	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:40	04/26/25 01:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 01:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:40	04/26/25 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/25 10:40	04/26/25 01:03	1
1,4-Difluorobenzene (Surr)	74		70 - 130				04/25/25 10:40	04/26/25 01:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/26/25 01:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 14:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 14:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-101 (4.5')

Lab Sample ID: 880-57342-47

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				04/25/25 07:41	04/28/25 14:19	1
o-Terphenyl (Surr)	106		70 - 130				04/25/25 07:41	04/28/25 14:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.0		10.1		mg/Kg			04/25/25 19:02	1

Client Sample ID: CS-102 (0.5')

Lab Sample ID: 880-57342-48

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 01:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 01:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 01:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 01:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 01:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				04/25/25 10:40	04/26/25 01:23	1
1,4-Difluorobenzene (Surr)	78		70 - 130				04/25/25 10:40	04/26/25 01:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 14:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 14:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				04/25/25 07:41	04/28/25 14:38	1
o-Terphenyl (Surr)	103		70 - 130				04/25/25 07:41	04/28/25 14:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.2		10.1		mg/Kg			04/25/25 19:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-103 (0.5')

Lab Sample ID: 880-57342-49

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:40	04/26/25 01:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:40	04/26/25 01:44	1
Ethylbenzene	0.00207		0.00198		mg/Kg		04/25/25 10:40	04/26/25 01:44	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/25/25 10:40	04/26/25 01:44	1
o-Xylene	0.00241		0.00198		mg/Kg		04/25/25 10:40	04/26/25 01:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/25/25 10:40	04/26/25 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/25/25 10:40	04/26/25 01:44	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/25/25 10:40	04/26/25 01:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00448		0.00396		mg/Kg			04/26/25 01:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 14:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 14:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	04/25/25 07:41	04/28/25 14:52	1
o-Terphenyl (Surr)	104		70 - 130	04/25/25 07:41	04/28/25 14:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.6		10.0		mg/Kg			04/25/25 19:16	1

Client Sample ID: CS-104 (0.5')

Lab Sample ID: 880-57342-50

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 02:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 02:04	1
Ethylbenzene	0.00261		0.00199		mg/Kg		04/25/25 10:40	04/26/25 02:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 02:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 02:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/25/25 10:40	04/26/25 02:04	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/25/25 10:40	04/26/25 02:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-104 (0.5')

Lab Sample ID: 880-57342-50

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 02:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 15:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 15:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/25/25 07:41	04/28/25 15:08	1
o-Terphenyl (Surr)	106		70 - 130				04/25/25 07:41	04/28/25 15:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.9		9.98		mg/Kg			04/25/25 19:23	1

Client Sample ID: CS-105 (0.5')

Lab Sample ID: 880-57342-51

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:38	1
Ethylbenzene	0.00337		0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:38	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 03:38	1
o-Xylene	0.00276		0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/25/25 10:40	04/26/25 03:38	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/25/25 10:40	04/26/25 03:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00613		0.00399		mg/Kg			04/26/25 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 15:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-105 (0.5')

Lab Sample ID: 880-57342-51

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				04/25/25 07:41	04/28/25 15:39	1
o-Terphenyl (Surr)	105		70 - 130				04/25/25 07:41	04/28/25 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.7		10.1		mg/Kg			04/25/25 19:45	1

Client Sample ID: CS-106 (0.5')

Lab Sample ID: 880-57342-52

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:58	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:40	04/26/25 03:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 03:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:40	04/26/25 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/25/25 10:40	04/26/25 03:58	1
1,4-Difluorobenzene (Surr)	86		70 - 130				04/25/25 10:40	04/26/25 03:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/26/25 03:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 15:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 15:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				04/25/25 07:41	04/28/25 15:54	1
o-Terphenyl (Surr)	104		70 - 130				04/25/25 07:41	04/28/25 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.1		9.94		mg/Kg			04/25/25 19:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-107 (0.5')

Lab Sample ID: 880-57342-53

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 04:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/25/25 10:40	04/26/25 04:19	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/25/25 10:40	04/26/25 04:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 16:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 16:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	04/25/25 07:41	04/28/25 16:10	1
o-Terphenyl (Surr)	106		70 - 130	04/25/25 07:41	04/28/25 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.8		9.90		mg/Kg			04/25/25 20:13	1

Client Sample ID: CS-108 (0.5')

Lab Sample ID: 880-57342-54

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:39	1
Ethylbenzene	0.00227		0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 04:39	1
o-Xylene	0.00419		0.00199		mg/Kg		04/25/25 10:40	04/26/25 04:39	1
Xylenes, Total	0.00419		0.00398		mg/Kg		04/25/25 10:40	04/26/25 04:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	04/25/25 10:40	04/26/25 04:39	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/25/25 10:40	04/26/25 04:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-108 (0.5')

Lab Sample ID: 880-57342-54

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00646		0.00398		mg/Kg			04/26/25 04:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 16:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 16:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				04/25/25 07:41	04/28/25 16:25	1
o-Terphenyl (Surr)	102		70 - 130				04/25/25 07:41	04/28/25 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.8		10.0		mg/Kg			04/25/25 20:21	1

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-57342-55

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 05:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/25/25 10:40	04/26/25 05:00	1
1,4-Difluorobenzene (Surr)	77		70 - 130				04/25/25 10:40	04/26/25 05:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/25 05:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 16:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 16:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-57342-55

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:41	04/28/25 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				04/25/25 07:41	04/28/25 16:40	1
o-Terphenyl (Surr)	111		70 - 130				04/25/25 07:41	04/28/25 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.3		10.0		mg/Kg			04/25/25 20:28	1

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-57342-56

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00394		0.00202		mg/Kg		04/25/25 10:40	04/26/25 05:21	1
Toluene	0.00272		0.00202		mg/Kg		04/25/25 10:40	04/26/25 05:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:40	04/26/25 05:21	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/25/25 10:40	04/26/25 05:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:40	04/26/25 05:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/25/25 10:40	04/26/25 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/25/25 10:40	04/26/25 05:21	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/25/25 10:40	04/26/25 05:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00666		0.00404		mg/Kg			04/26/25 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 16:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 16:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				04/25/25 07:41	04/28/25 16:54	1
o-Terphenyl (Surr)	117		70 - 130				04/25/25 07:41	04/28/25 16:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		10.1		mg/Kg			04/25/25 20:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-57342-57

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 05:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 05:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:40	04/26/25 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/25/25 10:40	04/26/25 05:41	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/25/25 10:40	04/26/25 05:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/26/25 05:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 17:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 17:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	04/25/25 07:41	04/28/25 17:09	1
o-Terphenyl (Surr)	112		70 - 130	04/25/25 07:41	04/28/25 17:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		9.98		mg/Kg			04/25/25 20:42	1

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-57342-58

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 06:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 06:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 06:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 06:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:40	04/26/25 06:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:40	04/26/25 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/25/25 10:40	04/26/25 06:02	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/25/25 10:40	04/26/25 06:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-57342-58

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/26/25 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 17:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 17:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:41	04/28/25 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				04/25/25 07:41	04/28/25 17:24	1
o-Terphenyl (Surr)	119		70 - 130				04/25/25 07:41	04/28/25 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		10.0		mg/Kg			04/25/25 20:49	1

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-57342-59

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:22	1
Toluene	0.00285		0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:40	04/26/25 06:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:40	04/26/25 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/25/25 10:40	04/26/25 06:22	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/25/25 10:40	04/26/25 06:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/26/25 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 17:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 17:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-57342-59

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/25/25 07:41	04/28/25 17:43	1
o-Terphenyl (Surr)	97		70 - 130				04/25/25 07:41	04/28/25 17:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		9.96		mg/Kg			04/25/25 20:57	1

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-57342-60

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:43	1
Ethylbenzene	0.00208		0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:40	04/26/25 06:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/26/25 06:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:40	04/26/25 06:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				04/25/25 10:40	04/26/25 06:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/25/25 10:40	04/26/25 06:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/26/25 06:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 17:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 17:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:41	04/28/25 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				04/25/25 07:41	04/28/25 17:58	1
o-Terphenyl (Surr)	117		70 - 130				04/25/25 07:41	04/28/25 17:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		10.0		mg/Kg			04/25/25 21:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-57342-61

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:56	1
Toluene	0.00361	F1	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:56	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:56	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		04/25/25 10:44	04/28/25 22:56	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:56	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/25/25 10:44	04/28/25 22:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				04/25/25 10:44	04/28/25 22:56	1
1,4-Difluorobenzene (Surr)	75		70 - 130				04/25/25 10:44	04/28/25 22:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/28/25 22:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		04/25/25 07:42	04/28/25 12:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:42	04/28/25 12:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				04/25/25 07:42	04/28/25 12:18	1
o-Terphenyl (Surr)	84		70 - 130				04/25/25 07:42	04/28/25 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		9.96		mg/Kg			04/25/25 21:41	1

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-57342-62

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 23:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:44	04/28/25 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 23:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:44	04/28/25 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/25/25 10:44	04/28/25 23:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/25/25 10:44	04/28/25 23:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-57342-62

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/28/25 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		04/25/25 07:42	04/28/25 13:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:42	04/28/25 13:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:42	04/28/25 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				04/25/25 07:42	04/28/25 13:19	1
o-Terphenyl (Surr)	82		70 - 130				04/25/25 07:42	04/28/25 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		10.0		mg/Kg			04/25/25 21:47	1

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-57342-63

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:37	1
Toluene	0.00226		0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/28/25 23:37	1
o-Xylene	0.00226		0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/28/25 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				04/25/25 10:44	04/28/25 23:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/25/25 10:44	04/28/25 23:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00452		0.00398		mg/Kg			04/28/25 23:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		04/25/25 07:42	04/28/25 13:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:42	04/28/25 13:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-57342-63

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:42	04/28/25 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				04/25/25 07:42	04/28/25 13:33	1
o-Terphenyl (Surr)	89		70 - 130				04/25/25 07:42	04/28/25 13:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		10.1		mg/Kg			04/25/25 21:53	1

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-57342-64

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:57	1
Toluene	0.00292		0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:57	1
Ethylbenzene	0.00420		0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/28/25 23:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/28/25 23:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/28/25 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/25/25 10:44	04/28/25 23:57	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/25/25 10:44	04/28/25 23:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00712		0.00398		mg/Kg			04/28/25 23:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		04/25/25 07:42	04/28/25 13:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:42	04/28/25 13:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				04/25/25 07:42	04/28/25 13:48	1
o-Terphenyl (Surr)	95		70 - 130				04/25/25 07:42	04/28/25 13:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	247		9.94		mg/Kg			04/25/25 21:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-25 (4.5')

Lab Sample ID: 880-57342-65

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:44	04/29/25 00:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:44	04/29/25 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/25/25 10:44	04/29/25 00:18	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/25/25 10:44	04/29/25 00:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/29/25 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		04/25/25 07:42	04/28/25 14:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:42	04/28/25 14:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	04/25/25 07:42	04/28/25 14:04	1
o-Terphenyl (Surr)	91		70 - 130	04/25/25 07:42	04/28/25 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		9.92		mg/Kg			04/25/25 22:15	1

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-57342-66

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:44	04/29/25 00:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:44	04/29/25 00:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:44	04/29/25 00:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/25/25 10:44	04/29/25 00:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/25/25 10:44	04/29/25 00:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/25/25 10:44	04/29/25 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/25/25 10:44	04/29/25 00:39	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/25/25 10:44	04/29/25 00:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-57342-66

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/29/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		04/25/25 07:42	04/28/25 14:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:42	04/28/25 14:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:42	04/28/25 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/25/25 07:42	04/28/25 14:19	1
o-Terphenyl (Surr)	86		70 - 130				04/25/25 07:42	04/28/25 14:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		10.1		mg/Kg			04/25/25 22:21	1

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-57342-67

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:59	1
Toluene	0.00230		0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:44	04/29/25 00:59	1
o-Xylene	0.00204		0.00200		mg/Kg		04/25/25 10:44	04/29/25 00:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:44	04/29/25 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/25/25 10:44	04/29/25 00:59	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/25/25 10:44	04/29/25 00:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00434		0.00401		mg/Kg			04/29/25 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		04/25/25 07:42	04/28/25 14:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:42	04/28/25 14:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-57342-67

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:42	04/28/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/25/25 07:42	04/28/25 14:38	1
o-Terphenyl (Surr)	91		70 - 130				04/25/25 07:42	04/28/25 14:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		10.1		mg/Kg			04/25/25 22:26	1

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-57342-68

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 01:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 01:20	1
Ethylbenzene	0.00244		0.00199		mg/Kg		04/25/25 10:44	04/29/25 01:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/29/25 01:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 01:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/29/25 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/25/25 10:44	04/29/25 01:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/25/25 10:44	04/29/25 01:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/29/25 01:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *-	49.7		mg/Kg		04/25/25 07:42	04/28/25 14:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:42	04/28/25 14:52	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:42	04/28/25 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/25/25 07:42	04/28/25 14:52	1
o-Terphenyl (Surr)	87		70 - 130				04/25/25 07:42	04/28/25 14:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324		10.0		mg/Kg			04/25/25 22:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-29 (4.5')

Lab Sample ID: 880-57342-69

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:44	04/29/25 01:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:44	04/29/25 01:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:44	04/29/25 01:40	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/25/25 10:44	04/29/25 01:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/25/25 10:44	04/29/25 01:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/25/25 10:44	04/29/25 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/25/25 10:44	04/29/25 01:40	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/25/25 10:44	04/29/25 01:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/29/25 01:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		04/25/25 07:42	04/28/25 15:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:42	04/28/25 15:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:42	04/28/25 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	04/25/25 07:42	04/28/25 15:08	1
o-Terphenyl (Surr)	87		70 - 130	04/25/25 07:42	04/28/25 15:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		10.1		mg/Kg			04/25/25 22:38	1

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-57342-70

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 03:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 03:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 03:34	1
m,p-Xylenes	0.00409		0.00398		mg/Kg		04/25/25 10:44	04/29/25 03:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 03:34	1
Xylenes, Total	0.00409		0.00398		mg/Kg		04/25/25 10:44	04/29/25 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/25/25 10:44	04/29/25 03:34	1
1,4-Difluorobenzene (Surr)	74		70 - 130	04/25/25 10:44	04/29/25 03:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-57342-70

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00409		0.00398		mg/Kg			04/29/25 03:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		04/25/25 07:42	04/28/25 15:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:42	04/28/25 15:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:42	04/28/25 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/25/25 07:42	04/28/25 15:39	1
o-Terphenyl (Surr)	92		70 - 130				04/25/25 07:42	04/28/25 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		9.96		mg/Kg			04/25/25 22:43	1

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-57342-71

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 03:55	1
Toluene	0.00225		0.00200		mg/Kg		04/25/25 10:44	04/29/25 03:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 03:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:44	04/29/25 03:55	1
o-Xylene	0.00304		0.00200		mg/Kg		04/25/25 10:44	04/29/25 03:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 10:44	04/29/25 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				04/25/25 10:44	04/29/25 03:55	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/25/25 10:44	04/29/25 03:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00529		0.00399		mg/Kg			04/29/25 03:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		04/25/25 07:42	04/28/25 15:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:42	04/28/25 15:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-57342-71

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				04/25/25 07:42	04/28/25 15:54	1
o-Terphenyl (Surr)	91		70 - 130				04/25/25 07:42	04/28/25 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		9.94		mg/Kg			04/25/25 23:00	1

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-57342-72

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00219		0.00200		mg/Kg		04/25/25 10:44	04/29/25 04:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 04:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 04:15	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/25/25 10:44	04/29/25 04:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 04:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/25 10:44	04/29/25 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/25/25 10:44	04/29/25 04:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/25/25 10:44	04/29/25 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/29/25 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	49.8		mg/Kg		04/25/25 07:42	04/28/25 16:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U +*	49.8		mg/Kg		04/25/25 07:42	04/28/25 16:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:42	04/28/25 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/25/25 07:42	04/28/25 16:10	1
o-Terphenyl (Surr)	93		70 - 130				04/25/25 07:42	04/28/25 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		10.0		mg/Kg			04/25/25 23:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-33 (4')

Lab Sample ID: 880-57342-73

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:36	1
Ethylbenzene	0.00208		0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:36	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/29/25 04:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/29/25 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	04/25/25 10:44	04/29/25 04:36	1
1,4-Difluorobenzene (Surr)	75		70 - 130	04/25/25 10:44	04/29/25 04:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/29/25 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/28/25 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		04/25/25 07:42	04/28/25 16:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		04/25/25 07:42	04/28/25 16:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/25 07:42	04/28/25 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	04/25/25 07:42	04/28/25 16:25	1
o-Terphenyl (Surr)	91		70 - 130	04/25/25 07:42	04/28/25 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		9.98		mg/Kg			04/25/25 23:23	1

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-57342-74

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00202		0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/29/25 04:56	1
o-Xylene	0.00397		0.00199		mg/Kg		04/25/25 10:44	04/29/25 04:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 10:44	04/29/25 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/25/25 10:44	04/29/25 04:56	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/25/25 10:44	04/29/25 04:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-57342-74

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00599		0.00398		mg/Kg			04/29/25 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		04/25/25 07:42	04/28/25 16:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:42	04/28/25 16:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:42	04/28/25 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				04/25/25 07:42	04/28/25 16:40	1
o-Terphenyl (Surr)	85		70 - 130				04/25/25 07:42	04/28/25 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.1		10.0		mg/Kg			04/25/25 23:29	1

Client Sample ID: SW-35 (0.5')

Lab Sample ID: 880-57342-75

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:17	1
Ethylbenzene	0.00560		0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/25/25 10:44	04/29/25 05:17	1
o-Xylene	0.00479		0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:17	1
Xylenes, Total	0.00479		0.00399		mg/Kg		04/25/25 10:44	04/29/25 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				04/25/25 10:44	04/29/25 05:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/25/25 10:44	04/29/25 05:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0104		0.00399		mg/Kg			04/29/25 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/28/25 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		04/25/25 07:42	04/28/25 16:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		04/25/25 07:42	04/28/25 16:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-35 (0.5')

Lab Sample ID: 880-57342-75

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/25/25 07:42	04/28/25 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				04/25/25 07:42	04/28/25 16:54	1
o-Terphenyl (Surr)	79		70 - 130				04/25/25 07:42	04/28/25 16:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.7		10.0		mg/Kg			04/25/25 23:34	1

Client Sample ID: SW-36 (0.5')

Lab Sample ID: 880-57342-76

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:44	04/29/25 05:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:44	04/29/25 05:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:44	04/29/25 05:38	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/25/25 10:44	04/29/25 05:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 10:44	04/29/25 05:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/25/25 10:44	04/29/25 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				04/25/25 10:44	04/29/25 05:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/25/25 10:44	04/29/25 05:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/29/25 05:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/28/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		04/25/25 07:42	04/28/25 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		04/25/25 07:42	04/28/25 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				04/25/25 07:42	04/28/25 17:09	1
o-Terphenyl (Surr)	83		70 - 130				04/25/25 07:42	04/28/25 17:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.9		10.1		mg/Kg			04/25/25 23:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-37 (0.5')

Lab Sample ID: 880-57342-77

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:58	1
m,p-Xylenes	0.00409		0.00399		mg/Kg		04/25/25 10:44	04/29/25 05:58	1
o-Xylene	0.00335		0.00200		mg/Kg		04/25/25 10:44	04/29/25 05:58	1
Xylenes, Total	0.00744		0.00399		mg/Kg		04/25/25 10:44	04/29/25 05:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/25/25 10:44	04/29/25 05:58	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/25/25 10:44	04/29/25 05:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00744		0.00399		mg/Kg			04/29/25 05:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/28/25 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		04/25/25 07:42	04/28/25 17:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		04/25/25 07:42	04/28/25 17:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/25/25 07:42	04/28/25 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	04/25/25 07:42	04/28/25 17:24	1
o-Terphenyl (Surr)	85		70 - 130	04/25/25 07:42	04/28/25 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.7		10.1		mg/Kg			04/25/25 23:46	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-57342-1	CS-55 (4.5')	106	94
880-57342-1 MS	CS-55 (4.5')	105	99
880-57342-1 MSD	CS-55 (4.5')	104	101
880-57342-2	CS-56 (4.5')	104	94
880-57342-3	CS-57 (4.5')	103	97
880-57342-4	CS-58 (4.5')	108	94
880-57342-5	CS-59 (4.5')	101	94
880-57342-6	CS-60 (4.5')	114	92
880-57342-7	CS-61 (4.5')	112	94
880-57342-8	CS-62 (4.5')	108	94
880-57342-9	CS-63 (4.5')	107	91
880-57342-10	CS-64 (4.5')	104	94
880-57342-11	CS-65 (4.5')	105	94
880-57342-12	CS-66 (4.5')	99	97
880-57342-13	CS-67 (4.5')	104	94
880-57342-14	CS-68 (4.5')	112	92
880-57342-15	CS-69 (4.5')	102	98
880-57342-16	CS-70 (4.5')	104	92
880-57342-17	CS-71 (4.5')	106	95
880-57342-18	CS-72 (4.5')	107	94
880-57342-19	CS-73 (4.5')	88	94
880-57342-20	CS-74 (4.5')	103	100
880-57342-21	CS-75 (4.5')	108	71
880-57342-21 MS	CS-75 (4.5')	97	105
880-57342-21 MSD	CS-75 (4.5')	87	104
880-57342-22	CS-76 (4.5')	89	98
880-57342-23	CS-77 (4.5')	92	87
880-57342-24	CS-78 (4.5')	89	87
880-57342-25	CS-79 (4.5')	92	83
880-57342-26	CS-80 (4.5')	90	83
880-57342-27	CS-81 (4.5')	92	85
880-57342-28	CS-82 (4.5')	89	90
880-57342-29	CS-83 (4.5')	91	90
880-57342-30	CS-84 (4.5')	99	78
880-57342-31	CS-85 (4.5')	95	103
880-57342-32	CS-86 (4.5')	103	90
880-57342-33	CS-87 (4.5')	85	88
880-57342-34	CS-88 (4.5')	90	86
880-57342-35	CS-89 (4.5')	95	77
880-57342-36	CS-90 (4.5')	95	96
880-57342-37	CS-91 (4.5')	99	97
880-57342-38	CS-92 (4.5')	88	84
880-57342-39	CS-93 (4.5')	83	89
880-57342-40	CS-94 (4.5')	89	87
880-57342-41	CS-95 (4.5')	106	76
880-57342-41 MS	CS-95 (4.5')	102	98
880-57342-41 MSD	CS-95 (4.5')	107	118
880-57342-42	CS-96 (4.5')	93	94
880-57342-43	CS-97 (4.5')	86	82

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Surrogate Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-57342-44	CS-98 (4.5')	104	90
880-57342-45	CS-99 (4.5')	96	86
880-57342-46	CS-100 (4.5')	91	81
880-57342-47	CS-101 (4.5')	104	74
880-57342-48	CS-102 (0.5')	77	78
880-57342-49	CS-103 (0.5')	102	79
880-57342-50	CS-104 (0.5')	92	90
880-57342-51	CS-105 (0.5')	102	84
880-57342-52	CS-106 (0.5')	98	86
880-57342-53	CS-107 (0.5')	95	82
880-57342-54	CS-108 (0.5')	84	84
880-57342-55	SW-15 (4.5')	96	77
880-57342-56	SW-16 (4.5')	96	88
880-57342-57	SW-17 (4.5')	96	80
880-57342-58	SW-18 (4.5')	92	79
880-57342-59	SW-19 (4.5')	93	88
880-57342-60	SW-20 (4.5')	91	87
880-57342-61	SW-21 (4.5')	118	75
880-57342-61 MS	SW-21 (4.5')	103	117
880-57342-61 MSD	SW-21 (4.5')	96	114
880-57342-62	SW-22 (4.5')	88	91
880-57342-63	SW-23 (4.5')	86	89
880-57342-64	SW-24 (4.5')	89	92
880-57342-65	SW-25 (4.5')	97	86
880-57342-66	SW-26 (4.5')	89	91
880-57342-67	SW-27 (4.5')	89	84
880-57342-68	SW-28 (4.5')	96	91
880-57342-69	SW-29 (4.5')	95	87
880-57342-70	SW-30 (4.5')	104	74
880-57342-71	SW-31 (4.5')	88	102
880-57342-72	SW-32 (4.5')	95	96
880-57342-73	SW-33 (4')	80	75
880-57342-74	SW-34 (4')	87	90
880-57342-75	SW-35 (0.5')	87	92
880-57342-76	SW-36 (0.5')	86	96
880-57342-77	SW-37 (0.5')	92	91
LCS 880-108670/1-A	Lab Control Sample	101	98
LCS 880-108673/1-A	Lab Control Sample	98	118
LCS 880-108674/1-A	Lab Control Sample	112	94
LCS 880-108675/1-A	Lab Control Sample	90	113
LCSD 880-108670/2-A	Lab Control Sample Dup	104	103
LCSD 880-108673/2-A	Lab Control Sample Dup	101	126
LCSD 880-108674/2-A	Lab Control Sample Dup	102	106
LCSD 880-108675/2-A	Lab Control Sample Dup	95	114
MB 880-108570/5-A	Method Blank	94	63 S1-
MB 880-108657/5-A	Method Blank	101	89
MB 880-108670/5-A	Method Blank	98	89
MB 880-108673/5-A	Method Blank	106	74
MB 880-108674/5-A	Method Blank	100	73
MB 880-108675/5-A	Method Blank	98	67 S1-

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Surrogate Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-57342-1	CS-55 (4.5')	179 S1+	162 S1+
880-57342-1 MS	CS-55 (4.5')	185 S1+	159 S1+
880-57342-1 MSD	CS-55 (4.5')	190 S1+	163 S1+
880-57342-2	CS-56 (4.5')	171 S1+	156 S1+
880-57342-3	CS-57 (4.5')	177 S1+	160 S1+
880-57342-4	CS-58 (4.5')	175 S1+	159 S1+
880-57342-5	CS-59 (4.5')	178 S1+	160 S1+
880-57342-6	CS-60 (4.5')	170 S1+	148 S1+
880-57342-7	CS-61 (4.5')	161 S1+	142 S1+
880-57342-8	CS-62 (4.5')	169 S1+	148 S1+
880-57342-9	CS-63 (4.5')	158 S1+	138 S1+
880-57342-10	CS-64 (4.5')	165 S1+	144 S1+
880-57342-11	CS-65 (4.5')	165 S1+	145 S1+
880-57342-12	CS-66 (4.5')	162 S1+	143 S1+
880-57342-13	CS-67 (4.5')	166 S1+	144 S1+
880-57342-14	CS-68 (4.5')	162 S1+	144 S1+
880-57342-15	CS-69 (4.5')	167 S1+	149 S1+
880-57342-16	CS-70 (4.5')	174 S1+	157 S1+
880-57342-17	CS-71 (4.5')	160 S1+	143 S1+
880-57342-18	CS-72 (4.5')	164 S1+	145 S1+
880-57342-19	CS-73 (4.5')	163 S1+	143 S1+
880-57342-20	CS-74 (4.5')	166 S1+	146 S1+
880-57342-21	CS-75 (4.5')	168 S1+	151 S1+
880-57342-21 MS	CS-75 (4.5')	178 S1+	152 S1+
880-57342-21 MSD	CS-75 (4.5')	181 S1+	154 S1+
880-57342-22	CS-76 (4.5')	173 S1+	156 S1+
880-57342-23	CS-77 (4.5')	177 S1+	160 S1+
880-57342-24	CS-78 (4.5')	166 S1+	149 S1+
880-57342-25	CS-79 (4.5')	168 S1+	150 S1+
880-57342-26	CS-80 (4.5')	167 S1+	148 S1+
880-57342-27	CS-81 (4.5')	166 S1+	145 S1+
880-57342-28	CS-82 (4.5')	156 S1+	140 S1+
880-57342-29	CS-83 (4.5')	157 S1+	138 S1+
880-57342-30	CS-84 (4.5')	151 S1+	133 S1+
880-57342-31	CS-85 (4.5')	154 S1+	136 S1+
880-57342-32	CS-86 (4.5')	157 S1+	140 S1+
880-57342-33	CS-87 (4.5')	328 S1+	297 S1+
880-57342-34	CS-88 (4.5')	327 S1+	296 S1+
880-57342-35	CS-89 (4.5')	168 S1+	150 S1+
880-57342-36	CS-90 (4.5')	154 S1+	137 S1+
880-57342-37	CS-91 (4.5')	158 S1+	140 S1+
880-57342-38	CS-92 (4.5')	155 S1+	137 S1+
880-57342-39	CS-93 (4.5')	157 S1+	139 S1+
880-57342-40	CS-94 (4.5')	159 S1+	139 S1+
880-57342-41	CS-95 (4.5')	122	114
880-57342-41 MS	CS-95 (4.5')	115	105

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Surrogate Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-57342-41 MSD	CS-95 (4.5')	123	111
880-57342-42	CS-96 (4.5')	117	108
880-57342-43	CS-97 (4.5')	114	106
880-57342-44	CS-98 (4.5')	143 S1+	127
880-57342-45	CS-99 (4.5')	114	105
880-57342-46	CS-100 (4.5')	114	106
880-57342-47	CS-101 (4.5')	112	106
880-57342-48	CS-102 (0.5')	107	103
880-57342-49	CS-103 (0.5')	110	104
880-57342-50	CS-104 (0.5')	114	106
880-57342-51	CS-105 (0.5')	112	105
880-57342-52	CS-106 (0.5')	111	104
880-57342-53	CS-107 (0.5')	114	106
880-57342-54	CS-108 (0.5')	110	102
880-57342-55	SW-15 (4.5')	120	111
880-57342-56	SW-16 (4.5')	125	117
880-57342-57	SW-17 (4.5')	122	112
880-57342-58	SW-18 (4.5')	127	119
880-57342-59	SW-19 (4.5')	98	97
880-57342-60	SW-20 (4.5')	126	117
880-57342-61	SW-21 (4.5')	90	84
880-57342-61 MS	SW-21 (4.5')	101	91
880-57342-61 MSD	SW-21 (4.5')	101	91
880-57342-62	SW-22 (4.5')	91	82
880-57342-63	SW-23 (4.5')	98	89
880-57342-64	SW-24 (4.5')	105	95
880-57342-65	SW-25 (4.5')	97	91
880-57342-66	SW-26 (4.5')	95	86
880-57342-67	SW-27 (4.5')	96	91
880-57342-68	SW-28 (4.5')	96	87
880-57342-69	SW-29 (4.5')	97	87
880-57342-70	SW-30 (4.5')	96	92
880-57342-71	SW-31 (4.5')	96	91
880-57342-72	SW-32 (4.5')	101	93
880-57342-73	SW-33 (4')	94	91
880-57342-74	SW-34 (4')	89	85
880-57342-75	SW-35 (0.5')	85	79
880-57342-76	SW-36 (0.5')	91	83
880-57342-77	SW-37 (0.5')	89	85
LCS 880-108637/2-A	Lab Control Sample	114	101
LCS 880-108638/2-A	Lab Control Sample	154 S1+	136 S1+
LCS 880-108639/2-A	Lab Control Sample	107	102
LCS 880-108640/2-A	Lab Control Sample	123	129
LCSD 880-108637/3-A	Lab Control Sample Dup	131 S1+	114
LCSD 880-108638/3-A	Lab Control Sample Dup	132 S1+	140 S1+
LCSD 880-108639/3-A	Lab Control Sample Dup	114	107
LCSD 880-108640/3-A	Lab Control Sample Dup	128	127
MB 880-108637/1-A	Method Blank	233 S1+	226 S1+
MB 880-108638/1-A	Method Blank	146 S1+	141 S1+
MB 880-108639/1-A	Method Blank	102	99

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Surrogate Summary

Client: Carmona Resources

Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
MB 880-108640/1-A	Method Blank	101	103
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108570/5-A

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108570

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 12:47	04/25/25 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 12:47	04/25/25 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 12:47	04/25/25 11:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 12:47	04/25/25 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 12:47	04/25/25 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 12:47	04/25/25 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/24/25 12:47	04/25/25 11:39	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130	04/24/25 12:47	04/25/25 11:39	1

Lab Sample ID: MB 880-108657/5-A

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/25/25 09:09	04/25/25 11:29	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/25/25 09:09	04/25/25 11:29	1

Lab Sample ID: MB 880-108670/5-A

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:35	04/25/25 22:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:35	04/25/25 22:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:35	04/25/25 22:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/25/25 10:35	04/25/25 22:05	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/25/25 10:35	04/25/25 22:05	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-108670/1-A

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07972		mg/Kg		80	70 - 130
Toluene	0.100	0.07283		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07857		mg/Kg		79	70 - 130
m,p-Xylenes	0.200	0.1577		mg/Kg		79	70 - 130
o-Xylene	0.100	0.08306		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-108670/2-A

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108670

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08758		mg/Kg		88	70 - 130	9	35
Toluene	0.100	0.07682		mg/Kg		77	70 - 130	5	35
Ethylbenzene	0.100	0.08392		mg/Kg		84	70 - 130	7	35
m,p-Xylenes	0.200	0.1708		mg/Kg		85	70 - 130	8	35
o-Xylene	0.100	0.08970		mg/Kg		90	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-57342-1 MS

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: CS-55 (4.5')

Prep Type: Total/NA

Prep Batch: 108670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09742		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08868		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09716		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1989		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-57342-1 MSD

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: CS-55 (4.5')

Prep Type: Total/NA

Prep Batch: 108670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09433		mg/Kg		94	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08287		mg/Kg		83	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.08800		mg/Kg		88	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57342-1 MSD

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: CS-55 (4.5')

Prep Type: Total/NA

Prep Batch: 108670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.1760		mg/Kg		88	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.09105		mg/Kg		91	70 - 130	12	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Lab Sample ID: MB 880-108673/5-A

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:38	04/28/25 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:38	04/28/25 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:38	04/28/25 11:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/25/25 10:38	04/28/25 11:26	1
1,4-Difluorobenzene (Surr)	74		70 - 130				04/25/25 10:38	04/28/25 11:26	1

Lab Sample ID: LCS 880-108673/1-A

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1024		mg/Kg		102	70 - 130		
Toluene	0.100	0.1048		mg/Kg		105	70 - 130		
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130		
m,p-Xylenes	0.200	0.1940		mg/Kg		97	70 - 130		
o-Xylene	0.100	0.09303		mg/Kg		93	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		70 - 130						
1,4-Difluorobenzene (Surr)	118		70 - 130						

Lab Sample ID: LCSD 880-108673/2-A

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108673

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1075		mg/Kg		107	70 - 130	5	35
Toluene	0.100	0.1186		mg/Kg		119	70 - 130	12	35
Ethylbenzene	0.100	0.1184		mg/Kg		118	70 - 130	14	35
m,p-Xylenes	0.200	0.2119		mg/Kg		106	70 - 130	9	35
o-Xylene	0.100	0.1028		mg/Kg		103	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	126		70 - 130

Lab Sample ID: 880-57342-21 MS

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: CS-75 (4.5')

Prep Type: Total/NA

Prep Batch: 108673

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09285		mg/Kg		91	70 - 130
Toluene	0.00430		0.100	0.1083		mg/Kg		104	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1017		mg/Kg		102	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1980		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09056		mg/Kg		91	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-57342-21 MSD

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: CS-75 (4.5')

Prep Type: Total/NA

Prep Batch: 108673

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08294		mg/Kg		81	70 - 130	11	35
Toluene	0.00430		0.100	0.08355		mg/Kg		79	70 - 130	26	35
Ethylbenzene	<0.00200	U	0.100	0.07902		mg/Kg		79	70 - 130	25	35
m,p-Xylenes	<0.00399	U	0.200	0.1444		mg/Kg		72	70 - 130	31	35
o-Xylene	<0.00200	U	0.100	0.06950		mg/Kg		70	70 - 130	26	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-108674/5-A

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108674

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:38	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:40	04/25/25 22:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:40	04/25/25 22:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:40	04/25/25 22:38	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	100		70 - 130	04/25/25 10:40	04/25/25 22:38	1			
1,4-Difluorobenzene (Surr)	73		70 - 130	04/25/25 10:40	04/25/25 22:38	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-108674/1-A

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108674

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08743		mg/Kg		87	70 - 130
Toluene	0.100	0.1119		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1179		mg/Kg		118	70 - 130
m,p-Xylenes	0.200	0.2209		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1083		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-108674/2-A

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108674

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08928		mg/Kg		89	70 - 130	2	35
Toluene	0.100	0.1190		mg/Kg		119	70 - 130	6	35
Ethylbenzene	0.100	0.1225		mg/Kg		123	70 - 130	4	35
m,p-Xylenes	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1109		mg/Kg		111	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-57342-41 MS

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: CS-95 (4.5')

Prep Type: Total/NA

Prep Batch: 108674

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08638		mg/Kg		86	70 - 130
Toluene	<0.00200	U	0.100	0.1095		mg/Kg		109	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1038		mg/Kg		102	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1980		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09612		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-57342-41 MSD

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: CS-95 (4.5')

Prep Type: Total/NA

Prep Batch: 108674

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1085		mg/Kg		108	70 - 130	23	35
Toluene	<0.00200	U	0.100	0.1099		mg/Kg		110	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.1072		mg/Kg		106	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57342-41 MSD

Matrix: Solid

Analysis Batch: 108643

Client Sample ID: CS-95 (4.5')

Prep Type: Total/NA

Prep Batch: 108674

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.2000		mg/Kg		98	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09763		mg/Kg		98	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	107		70 - 130								
1,4-Difluorobenzene (Surr)	118		70 - 130								

Lab Sample ID: MB 880-108675/5-A

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/25/25 10:44	04/28/25 22:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 10:44	04/28/25 22:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 10:44	04/28/25 22:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/25/25 10:44	04/28/25 22:34	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130				04/25/25 10:44	04/28/25 22:34	1

Lab Sample ID: LCS 880-108675/1-A

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1008		mg/Kg		101	70 - 130
Toluene	0.100	0.1081		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1091		mg/Kg		109	70 - 130
m,p-Xylenes	0.200	0.1973		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09626		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	90		70 - 130				
1,4-Difluorobenzene (Surr)	113		70 - 130				

Lab Sample ID: LCSD 880-108675/2-A

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108675

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1029		mg/Kg		103	70 - 130	2	35
Toluene	0.100	0.1071		mg/Kg		107	70 - 130	1	35
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130	2	35
m,p-Xylenes	0.200	0.1982		mg/Kg		99	70 - 130	0	35
o-Xylene	0.100	0.09549		mg/Kg		95	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-57342-61 MS

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: SW-21 (4.5')

Prep Type: Total/NA

Prep Batch: 108675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.05377	F1	mg/Kg		54	70 - 130
Toluene	0.00361	F1	0.100	0.03405	F1	mg/Kg		30	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.02389	F1	mg/Kg		24	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.07547	F1	mg/Kg		38	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.02930	F1	mg/Kg		29	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-57342-61 MSD

Matrix: Solid

Analysis Batch: 108784

Client Sample ID: SW-21 (4.5')

Prep Type: Total/NA

Prep Batch: 108675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.05790	F1	mg/Kg		58	70 - 130	7	35
Toluene	0.00361	F1	0.100	0.03628	F1	mg/Kg		33	70 - 130	6	35
Ethylbenzene	<0.00200	U F1	0.100	0.03105	F1	mg/Kg		31	70 - 130	26	35
m,p-Xylenes	<0.00399	U F1	0.200	0.08305	F1	mg/Kg		42	70 - 130	10	35
o-Xylene	<0.00200	U F1	0.100	0.03264	F1	mg/Kg		33	70 - 130	11	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

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

Lab Sample ID: MB 880-108637/1-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:40	04/26/25 23:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:40	04/26/25 23:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:40	04/26/25 23:15	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	233	S1+	70 - 130	04/25/25 07:40	04/26/25 23:15	1			
o-Terphenyl (Surr)	226	S1+	70 - 130	04/25/25 07:40	04/26/25 23:15	1			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW Spill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-108637/2-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	899.6		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	926.5		mg/Kg		93	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	114		70 - 130						
o-Terphenyl (Surr)	101		70 - 130						

Lab Sample ID: LCSD 880-108637/3-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108637

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1074		mg/Kg		107	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	1061		mg/Kg		106	70 - 130	14	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	131	S1+	70 - 130								
o-Terphenyl (Surr)	114		70 - 130								

Lab Sample ID: 880-57342-1 MS

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: CS-55 (4.5')

Prep Type: Total/NA

Prep Batch: 108637

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	995	1140		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	995	1249		mg/Kg		124	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	185	S1+	70 - 130								
o-Terphenyl (Surr)	159	S1+	70 - 130								

Lab Sample ID: 880-57342-1 MSD

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: CS-55 (4.5')

Prep Type: Total/NA

Prep Batch: 108637

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	995	1197		mg/Kg		120	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.7	U	995	1300		mg/Kg		129	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	190	S1+	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57342-1 MSD

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: CS-55 (4.5')

Prep Type: Total/NA

Prep Batch: 108637

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	163	S1+	70 - 130

Lab Sample ID: MB 880-108638/1-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108638

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 07:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 07:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/27/25 07:22	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	146	S1+	70 - 130				04/25/25 07:41	04/27/25 07:22	1
<i>o</i> -Terphenyl (Surr)	141	S1+	70 - 130				04/25/25 07:41	04/27/25 07:22	1

Lab Sample ID: LCS 880-108638/2-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1290		mg/Kg		129	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1271		mg/Kg		127	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	154	S1+	70 - 130				
<i>o</i> -Terphenyl (Surr)	136	S1+	70 - 130				

Lab Sample ID: LCSD 880-108638/3-A

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108638

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1332	*+	mg/Kg		133	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1401	*+	mg/Kg		140	70 - 130	10	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	132	S1+	70 - 130						
<i>o</i> -Terphenyl (Surr)	140	S1+	70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57342-21 MS

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: CS-75 (4.5')

Prep Type: Total/NA

Prep Batch: 108638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	993	1035		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *	993	1221		mg/Kg		123	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	178	S1+	70 - 130						
o-Terphenyl (Surr)	152	S1+	70 - 130						

Lab Sample ID: 880-57342-21 MSD

Matrix: Solid

Analysis Batch: 108762

Client Sample ID: CS-75 (4.5')

Prep Type: Total/NA

Prep Batch: 108638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	993	1071		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *	993	1250		mg/Kg		126	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	181	S1+	70 - 130								
o-Terphenyl (Surr)	154	S1+	70 - 130								

Lab Sample ID: MB 880-108639/1-A

Matrix: Solid

Analysis Batch: 108845

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 10:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 10:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:41	04/28/25 10:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				04/25/25 07:41	04/28/25 10:12	1
o-Terphenyl (Surr)	99		70 - 130				04/25/25 07:41	04/28/25 10:12	1

Lab Sample ID: LCS 880-108639/2-A

Matrix: Solid

Analysis Batch: 108845

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1048		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	956.8		mg/Kg		96	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-108639/2-A
Matrix: Solid
Analysis Batch: 108845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108639

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-108639/3-A
Matrix: Solid
Analysis Batch: 108845

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108639

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1128		mg/Kg		113	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101	70 - 130	5	20
Surrogate	%Recovery	LCSD	LCSD						
		Qualifier	Limits						
1-Chlorooctane (Surr)	114		70 - 130						
o-Terphenyl (Surr)	107		70 - 130						

Lab Sample ID: 880-57342-41 MS
Matrix: Solid
Analysis Batch: 108845

Client Sample ID: CS-95 (4.5')
Prep Type: Total/NA
Prep Batch: 108639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	873.9		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	878.8		mg/Kg		88	70 - 130		
Surrogate	%Recovery	MS	MS								
		Qualifier	Limits								
1-Chlorooctane (Surr)	115		70 - 130								
o-Terphenyl (Surr)	105		70 - 130								

Lab Sample ID: 880-57342-41 MSD
Matrix: Solid
Analysis Batch: 108845

Client Sample ID: CS-95 (4.5')
Prep Type: Total/NA
Prep Batch: 108639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	923.5		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	947.3		mg/Kg		95	70 - 130	7	20
Surrogate	%Recovery	MSD	MSD								
		Qualifier	Limits								
1-Chlorooctane (Surr)	123		70 - 130								
o-Terphenyl (Surr)	111		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-108640/1-A

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 10:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 10:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/25 07:42	04/28/25 10:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				04/25/25 07:42	04/28/25 10:12	1
o-Terphenyl (Surr)	103		70 - 130				04/25/25 07:42	04/28/25 10:12	1

Lab Sample ID: LCS 880-108640/2-A

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	457.6	*-	mg/Kg		46	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1787	*+	mg/Kg		179	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	123		70 - 130				
o-Terphenyl (Surr)	129		70 - 130				

Lab Sample ID: LCSD 880-108640/3-A

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	456.5	*-	mg/Kg		46	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1740	*+	mg/Kg		174	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	128		70 - 130						
o-Terphenyl (Surr)	127		70 - 130						

Lab Sample ID: 880-57342-61 MS

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: SW-21 (4.5')

Prep Type: Total/NA

Prep Batch: 108640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	996	836.2		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+	996	1012		mg/Kg		102	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-57342-61 MS

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: SW-21 (4.5')

Prep Type: Total/NA

Prep Batch: 108640

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-57342-61 MSD

Matrix: Solid

Analysis Batch: 108847

Client Sample ID: SW-21 (4.5')

Prep Type: Total/NA

Prep Batch: 108640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	996	832.3		mg/Kg		84	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U **	996	994.5		mg/Kg		100	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	101		70 - 130								
o-Terphenyl (Surr)	91		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108664/1-A

Matrix: Solid

Analysis Batch: 108682

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 12:58	1

Lab Sample ID: LCS 880-108664/2-A

Matrix: Solid

Analysis Batch: 108682

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.3		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-108664/3-A

Matrix: Solid

Analysis Batch: 108682

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	230.2		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-57342-10 MS

Matrix: Solid

Analysis Batch: 108682

Client Sample ID: CS-64 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	191		251	428.5		mg/Kg		95	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57342-10 MSD

Matrix: Solid

Analysis Batch: 108682

Client Sample ID: CS-64 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	191		251	426.6		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-108665/1-A

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 17:50	1

Lab Sample ID: LCS 880-108665/2-A

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-108665/3-A

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-57342-20 MS

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: CS-74 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110		250	375.0		mg/Kg		106	90 - 110

Lab Sample ID: 880-57342-20 MSD

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: CS-74 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		250	377.0		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-57342-30 MS

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: CS-84 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	123	F1	252	402.5	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-57342-30 MSD

Matrix: Solid

Analysis Batch: 108683

Client Sample ID: CS-84 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	123	F1	252	402.6	F1	mg/Kg		111	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108666/1-A

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 17:09	1

Lab Sample ID: LCS 880-108666/2-A

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.5		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-108666/3-A

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	233.1		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-57342-40 MS

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: CS-94 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	270		249	499.8		mg/Kg		93	90 - 110

Lab Sample ID: 880-57342-40 MSD

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: CS-94 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	270		249	500.8		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-57342-50 MS

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: CS-104 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	88.9		250	327.0		mg/Kg		95	90 - 110

Lab Sample ID: 880-57342-50 MSD

Matrix: Solid

Analysis Batch: 108684

Client Sample ID: CS-104 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	88.9		250	325.6		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-108667/1-A

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 21:07	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-108667/2-A

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-108667/3-A

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.4		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-57342-60 MS

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: SW-20 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	124		251	364.4		mg/Kg		96	90 - 110

Lab Sample ID: 880-57342-60 MSD

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: SW-20 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	124		251	365.7		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-57342-70 MS

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: SW-30 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	203		249	447.1		mg/Kg		98	90 - 110

Lab Sample ID: 880-57342-70 MSD

Matrix: Solid

Analysis Batch: 108724

Client Sample ID: SW-30 (4.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	203		249	447.7		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 108570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108570/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 108641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Total/NA	Solid	8021B	108670
880-57342-2	CS-56 (4.5')	Total/NA	Solid	8021B	108670
880-57342-3	CS-57 (4.5')	Total/NA	Solid	8021B	108670
880-57342-4	CS-58 (4.5')	Total/NA	Solid	8021B	108670
880-57342-5	CS-59 (4.5')	Total/NA	Solid	8021B	108670
880-57342-6	CS-60 (4.5')	Total/NA	Solid	8021B	108670
880-57342-7	CS-61 (4.5')	Total/NA	Solid	8021B	108670
880-57342-8	CS-62 (4.5')	Total/NA	Solid	8021B	108670
880-57342-9	CS-63 (4.5')	Total/NA	Solid	8021B	108670
880-57342-10	CS-64 (4.5')	Total/NA	Solid	8021B	108670
880-57342-11	CS-65 (4.5')	Total/NA	Solid	8021B	108670
880-57342-12	CS-66 (4.5')	Total/NA	Solid	8021B	108670
880-57342-13	CS-67 (4.5')	Total/NA	Solid	8021B	108670
880-57342-14	CS-68 (4.5')	Total/NA	Solid	8021B	108670
880-57342-15	CS-69 (4.5')	Total/NA	Solid	8021B	108670
880-57342-16	CS-70 (4.5')	Total/NA	Solid	8021B	108670
880-57342-17	CS-71 (4.5')	Total/NA	Solid	8021B	108670
880-57342-18	CS-72 (4.5')	Total/NA	Solid	8021B	108670
880-57342-19	CS-73 (4.5')	Total/NA	Solid	8021B	108670
880-57342-20	CS-74 (4.5')	Total/NA	Solid	8021B	108670
MB 880-108657/5-A	Method Blank	Total/NA	Solid	8021B	108657
MB 880-108670/5-A	Method Blank	Total/NA	Solid	8021B	108670
LCS 880-108670/1-A	Lab Control Sample	Total/NA	Solid	8021B	108670
LCSD 880-108670/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108670
880-57342-1 MS	CS-55 (4.5')	Total/NA	Solid	8021B	108670
880-57342-1 MSD	CS-55 (4.5')	Total/NA	Solid	8021B	108670

Analysis Batch: 108643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-41	CS-95 (4.5')	Total/NA	Solid	8021B	108674
880-57342-42	CS-96 (4.5')	Total/NA	Solid	8021B	108674
880-57342-43	CS-97 (4.5')	Total/NA	Solid	8021B	108674
880-57342-44	CS-98 (4.5')	Total/NA	Solid	8021B	108674
880-57342-45	CS-99 (4.5')	Total/NA	Solid	8021B	108674
880-57342-46	CS-100 (4.5')	Total/NA	Solid	8021B	108674
880-57342-47	CS-101 (4.5')	Total/NA	Solid	8021B	108674
880-57342-48	CS-102 (0.5')	Total/NA	Solid	8021B	108674
880-57342-49	CS-103 (0.5')	Total/NA	Solid	8021B	108674
880-57342-50	CS-104 (0.5')	Total/NA	Solid	8021B	108674
880-57342-51	CS-105 (0.5')	Total/NA	Solid	8021B	108674
880-57342-52	CS-106 (0.5')	Total/NA	Solid	8021B	108674
880-57342-53	CS-107 (0.5')	Total/NA	Solid	8021B	108674
880-57342-54	CS-108 (0.5')	Total/NA	Solid	8021B	108674
880-57342-55	SW-15 (4.5')	Total/NA	Solid	8021B	108674
880-57342-56	SW-16 (4.5')	Total/NA	Solid	8021B	108674
880-57342-57	SW-17 (4.5')	Total/NA	Solid	8021B	108674
880-57342-58	SW-18 (4.5')	Total/NA	Solid	8021B	108674

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 108643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-59	SW-19 (4.5')	Total/NA	Solid	8021B	108674
880-57342-60	SW-20 (4.5')	Total/NA	Solid	8021B	108674
MB 880-108570/5-A	Method Blank	Total/NA	Solid	8021B	108570
MB 880-108674/5-A	Method Blank	Total/NA	Solid	8021B	108674
LCS 880-108674/1-A	Lab Control Sample	Total/NA	Solid	8021B	108674
LCSD 880-108674/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108674
880-57342-41 MS	CS-95 (4.5')	Total/NA	Solid	8021B	108674
880-57342-41 MSD	CS-95 (4.5')	Total/NA	Solid	8021B	108674

Prep Batch: 108657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108657/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 108670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Total/NA	Solid	5035	
880-57342-2	CS-56 (4.5')	Total/NA	Solid	5035	
880-57342-3	CS-57 (4.5')	Total/NA	Solid	5035	
880-57342-4	CS-58 (4.5')	Total/NA	Solid	5035	
880-57342-5	CS-59 (4.5')	Total/NA	Solid	5035	
880-57342-6	CS-60 (4.5')	Total/NA	Solid	5035	
880-57342-7	CS-61 (4.5')	Total/NA	Solid	5035	
880-57342-8	CS-62 (4.5')	Total/NA	Solid	5035	
880-57342-9	CS-63 (4.5')	Total/NA	Solid	5035	
880-57342-10	CS-64 (4.5')	Total/NA	Solid	5035	
880-57342-11	CS-65 (4.5')	Total/NA	Solid	5035	
880-57342-12	CS-66 (4.5')	Total/NA	Solid	5035	
880-57342-13	CS-67 (4.5')	Total/NA	Solid	5035	
880-57342-14	CS-68 (4.5')	Total/NA	Solid	5035	
880-57342-15	CS-69 (4.5')	Total/NA	Solid	5035	
880-57342-16	CS-70 (4.5')	Total/NA	Solid	5035	
880-57342-17	CS-71 (4.5')	Total/NA	Solid	5035	
880-57342-18	CS-72 (4.5')	Total/NA	Solid	5035	
880-57342-19	CS-73 (4.5')	Total/NA	Solid	5035	
880-57342-20	CS-74 (4.5')	Total/NA	Solid	5035	
MB 880-108670/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108670/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108670/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57342-1 MS	CS-55 (4.5')	Total/NA	Solid	5035	
880-57342-1 MSD	CS-55 (4.5')	Total/NA	Solid	5035	

Prep Batch: 108673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-21	CS-75 (4.5')	Total/NA	Solid	5035	
880-57342-22	CS-76 (4.5')	Total/NA	Solid	5035	
880-57342-23	CS-77 (4.5')	Total/NA	Solid	5035	
880-57342-24	CS-78 (4.5')	Total/NA	Solid	5035	
880-57342-25	CS-79 (4.5')	Total/NA	Solid	5035	
880-57342-26	CS-80 (4.5')	Total/NA	Solid	5035	
880-57342-27	CS-81 (4.5')	Total/NA	Solid	5035	
880-57342-28	CS-82 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 108673 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-29	CS-83 (4.5')	Total/NA	Solid	5035	
880-57342-30	CS-84 (4.5')	Total/NA	Solid	5035	
880-57342-31	CS-85 (4.5')	Total/NA	Solid	5035	
880-57342-32	CS-86 (4.5')	Total/NA	Solid	5035	
880-57342-33	CS-87 (4.5')	Total/NA	Solid	5035	
880-57342-34	CS-88 (4.5')	Total/NA	Solid	5035	
880-57342-35	CS-89 (4.5')	Total/NA	Solid	5035	
880-57342-36	CS-90 (4.5')	Total/NA	Solid	5035	
880-57342-37	CS-91 (4.5')	Total/NA	Solid	5035	
880-57342-38	CS-92 (4.5')	Total/NA	Solid	5035	
880-57342-39	CS-93 (4.5')	Total/NA	Solid	5035	
MB 880-108673/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108673/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108673/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57342-21 MS	CS-75 (4.5')	Total/NA	Solid	5035	
880-57342-21 MSD	CS-75 (4.5')	Total/NA	Solid	5035	

Prep Batch: 108674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-41	CS-95 (4.5')	Total/NA	Solid	5035	
880-57342-42	CS-96 (4.5')	Total/NA	Solid	5035	
880-57342-43	CS-97 (4.5')	Total/NA	Solid	5035	
880-57342-44	CS-98 (4.5')	Total/NA	Solid	5035	
880-57342-45	CS-99 (4.5')	Total/NA	Solid	5035	
880-57342-46	CS-100 (4.5')	Total/NA	Solid	5035	
880-57342-47	CS-101 (4.5')	Total/NA	Solid	5035	
880-57342-48	CS-102 (0.5')	Total/NA	Solid	5035	
880-57342-49	CS-103 (0.5')	Total/NA	Solid	5035	
880-57342-50	CS-104 (0.5')	Total/NA	Solid	5035	
880-57342-51	CS-105 (0.5')	Total/NA	Solid	5035	
880-57342-52	CS-106 (0.5')	Total/NA	Solid	5035	
880-57342-53	CS-107 (0.5')	Total/NA	Solid	5035	
880-57342-54	CS-108 (0.5')	Total/NA	Solid	5035	
880-57342-55	SW-15 (4.5')	Total/NA	Solid	5035	
880-57342-56	SW-16 (4.5')	Total/NA	Solid	5035	
880-57342-57	SW-17 (4.5')	Total/NA	Solid	5035	
880-57342-58	SW-18 (4.5')	Total/NA	Solid	5035	
880-57342-59	SW-19 (4.5')	Total/NA	Solid	5035	
880-57342-60	SW-20 (4.5')	Total/NA	Solid	5035	
MB 880-108674/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108674/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108674/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57342-41 MS	CS-95 (4.5')	Total/NA	Solid	5035	
880-57342-41 MSD	CS-95 (4.5')	Total/NA	Solid	5035	

Prep Batch: 108675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-40	CS-94 (4.5')	Total/NA	Solid	5035	
880-57342-61	SW-21 (4.5')	Total/NA	Solid	5035	
880-57342-62	SW-22 (4.5')	Total/NA	Solid	5035	
880-57342-63	SW-23 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 108675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-64	SW-24 (4.5')	Total/NA	Solid	5035	
880-57342-65	SW-25 (4.5')	Total/NA	Solid	5035	
880-57342-66	SW-26 (4.5')	Total/NA	Solid	5035	
880-57342-67	SW-27 (4.5')	Total/NA	Solid	5035	
880-57342-68	SW-28 (4.5')	Total/NA	Solid	5035	
880-57342-69	SW-29 (4.5')	Total/NA	Solid	5035	
880-57342-70	SW-30 (4.5')	Total/NA	Solid	5035	
880-57342-71	SW-31 (4.5')	Total/NA	Solid	5035	
880-57342-72	SW-32 (4.5')	Total/NA	Solid	5035	
880-57342-73	SW-33 (4')	Total/NA	Solid	5035	
880-57342-74	SW-34 (4')	Total/NA	Solid	5035	
880-57342-75	SW-35 (0.5')	Total/NA	Solid	5035	
880-57342-76	SW-36 (0.5')	Total/NA	Solid	5035	
880-57342-77	SW-37 (0.5')	Total/NA	Solid	5035	
MB 880-108675/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108675/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108675/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57342-61 MS	SW-21 (4.5')	Total/NA	Solid	5035	
880-57342-61 MSD	SW-21 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 108784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-21	CS-75 (4.5')	Total/NA	Solid	8021B	108673
880-57342-22	CS-76 (4.5')	Total/NA	Solid	8021B	108673
880-57342-23	CS-77 (4.5')	Total/NA	Solid	8021B	108673
880-57342-24	CS-78 (4.5')	Total/NA	Solid	8021B	108673
880-57342-25	CS-79 (4.5')	Total/NA	Solid	8021B	108673
880-57342-26	CS-80 (4.5')	Total/NA	Solid	8021B	108673
880-57342-27	CS-81 (4.5')	Total/NA	Solid	8021B	108673
880-57342-28	CS-82 (4.5')	Total/NA	Solid	8021B	108673
880-57342-29	CS-83 (4.5')	Total/NA	Solid	8021B	108673
880-57342-30	CS-84 (4.5')	Total/NA	Solid	8021B	108673
880-57342-31	CS-85 (4.5')	Total/NA	Solid	8021B	108673
880-57342-32	CS-86 (4.5')	Total/NA	Solid	8021B	108673
880-57342-33	CS-87 (4.5')	Total/NA	Solid	8021B	108673
880-57342-34	CS-88 (4.5')	Total/NA	Solid	8021B	108673
880-57342-35	CS-89 (4.5')	Total/NA	Solid	8021B	108673
880-57342-36	CS-90 (4.5')	Total/NA	Solid	8021B	108673
880-57342-37	CS-91 (4.5')	Total/NA	Solid	8021B	108673
880-57342-38	CS-92 (4.5')	Total/NA	Solid	8021B	108673
880-57342-39	CS-93 (4.5')	Total/NA	Solid	8021B	108673
880-57342-40	CS-94 (4.5')	Total/NA	Solid	8021B	108675
880-57342-61	SW-21 (4.5')	Total/NA	Solid	8021B	108675
880-57342-62	SW-22 (4.5')	Total/NA	Solid	8021B	108675
880-57342-63	SW-23 (4.5')	Total/NA	Solid	8021B	108675
880-57342-64	SW-24 (4.5')	Total/NA	Solid	8021B	108675
880-57342-65	SW-25 (4.5')	Total/NA	Solid	8021B	108675
880-57342-66	SW-26 (4.5')	Total/NA	Solid	8021B	108675
880-57342-67	SW-27 (4.5')	Total/NA	Solid	8021B	108675
880-57342-68	SW-28 (4.5')	Total/NA	Solid	8021B	108675
880-57342-69	SW-29 (4.5')	Total/NA	Solid	8021B	108675

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 108784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-70	SW-30 (4.5')	Total/NA	Solid	8021B	108675
880-57342-71	SW-31 (4.5')	Total/NA	Solid	8021B	108675
880-57342-72	SW-32 (4.5')	Total/NA	Solid	8021B	108675
880-57342-73	SW-33 (4')	Total/NA	Solid	8021B	108675
880-57342-74	SW-34 (4')	Total/NA	Solid	8021B	108675
880-57342-75	SW-35 (0.5')	Total/NA	Solid	8021B	108675
880-57342-76	SW-36 (0.5')	Total/NA	Solid	8021B	108675
880-57342-77	SW-37 (0.5')	Total/NA	Solid	8021B	108675
MB 880-108673/5-A	Method Blank	Total/NA	Solid	8021B	108673
MB 880-108675/5-A	Method Blank	Total/NA	Solid	8021B	108675
LCS 880-108673/1-A	Lab Control Sample	Total/NA	Solid	8021B	108673
LCS 880-108675/1-A	Lab Control Sample	Total/NA	Solid	8021B	108675
LCSD 880-108673/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108673
LCSD 880-108675/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108675
880-57342-21 MS	CS-75 (4.5')	Total/NA	Solid	8021B	108673
880-57342-21 MSD	CS-75 (4.5')	Total/NA	Solid	8021B	108673
880-57342-61 MS	SW-21 (4.5')	Total/NA	Solid	8021B	108675
880-57342-61 MSD	SW-21 (4.5')	Total/NA	Solid	8021B	108675

Analysis Batch: 108824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-2	CS-56 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-3	CS-57 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-4	CS-58 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-5	CS-59 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-6	CS-60 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-7	CS-61 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-8	CS-62 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-9	CS-63 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-10	CS-64 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-11	CS-65 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-12	CS-66 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-13	CS-67 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-14	CS-68 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-15	CS-69 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-16	CS-70 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-17	CS-71 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-18	CS-72 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-19	CS-73 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-20	CS-74 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-21	CS-75 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-22	CS-76 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-23	CS-77 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-24	CS-78 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-25	CS-79 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-26	CS-80 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-27	CS-81 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-28	CS-82 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-29	CS-83 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-30	CS-84 (4.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 108824 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-31	CS-85 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-32	CS-86 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-33	CS-87 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-34	CS-88 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-35	CS-89 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-36	CS-90 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-37	CS-91 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-38	CS-92 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-39	CS-93 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-40	CS-94 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-41	CS-95 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-42	CS-96 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-43	CS-97 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-44	CS-98 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-45	CS-99 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-46	CS-100 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-47	CS-101 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-48	CS-102 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-49	CS-103 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-50	CS-104 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-51	CS-105 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-52	CS-106 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-53	CS-107 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-54	CS-108 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-55	SW-15 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-56	SW-16 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-57	SW-17 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-58	SW-18 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-59	SW-19 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-60	SW-20 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-61	SW-21 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-62	SW-22 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-63	SW-23 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-64	SW-24 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-65	SW-25 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-66	SW-26 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-67	SW-27 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-68	SW-28 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-69	SW-29 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-70	SW-30 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-71	SW-31 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-72	SW-32 (4.5')	Total/NA	Solid	Total BTEX	
880-57342-73	SW-33 (4')	Total/NA	Solid	Total BTEX	
880-57342-74	SW-34 (4')	Total/NA	Solid	Total BTEX	
880-57342-75	SW-35 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-76	SW-36 (0.5')	Total/NA	Solid	Total BTEX	
880-57342-77	SW-37 (0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 108637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-2	CS-56 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-3	CS-57 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-4	CS-58 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-5	CS-59 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-6	CS-60 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-7	CS-61 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-8	CS-62 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-9	CS-63 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-10	CS-64 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-11	CS-65 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-12	CS-66 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-13	CS-67 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-14	CS-68 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-15	CS-69 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-16	CS-70 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-17	CS-71 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-18	CS-72 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-19	CS-73 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-20	CS-74 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-108637/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108637/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57342-1 MS	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-1 MSD	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 108638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-21	CS-75 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-22	CS-76 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-23	CS-77 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-24	CS-78 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-25	CS-79 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-26	CS-80 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-27	CS-81 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-28	CS-82 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-29	CS-83 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-30	CS-84 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-31	CS-85 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-32	CS-86 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-33	CS-87 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-34	CS-88 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-35	CS-89 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-36	CS-90 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-37	CS-91 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-38	CS-92 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-39	CS-93 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-40	CS-94 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-108638/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108638/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108638/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 108638 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-21 MS	CS-75 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-21 MSD	CS-75 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 108639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-41	CS-95 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-42	CS-96 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-43	CS-97 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-44	CS-98 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-45	CS-99 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-46	CS-100 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-47	CS-101 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-48	CS-102 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-49	CS-103 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-50	CS-104 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-51	CS-105 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-52	CS-106 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-53	CS-107 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-54	CS-108 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-55	SW-15 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-56	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-57	SW-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-58	SW-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-59	SW-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-60	SW-20 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-108639/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108639/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108639/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57342-41 MS	CS-95 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-41 MSD	CS-95 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 108640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-61	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-62	SW-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-63	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-64	SW-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-65	SW-25 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-66	SW-26 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-67	SW-27 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-68	SW-28 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-69	SW-29 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-70	SW-30 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-71	SW-31 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-72	SW-32 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-73	SW-33 (4')	Total/NA	Solid	8015NM Prep	
880-57342-74	SW-34 (4')	Total/NA	Solid	8015NM Prep	
880-57342-75	SW-35 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-76	SW-36 (0.5')	Total/NA	Solid	8015NM Prep	
880-57342-77	SW-37 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-108640/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 108640 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-108640/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108640/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57342-61 MS	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-57342-61 MSD	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-2	CS-56 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-3	CS-57 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-4	CS-58 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-5	CS-59 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-6	CS-60 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-7	CS-61 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-8	CS-62 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-9	CS-63 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-10	CS-64 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-11	CS-65 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-12	CS-66 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-13	CS-67 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-14	CS-68 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-15	CS-69 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-16	CS-70 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-17	CS-71 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-18	CS-72 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-19	CS-73 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-20	CS-74 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-21	CS-75 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-22	CS-76 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-23	CS-77 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-24	CS-78 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-25	CS-79 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-26	CS-80 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-27	CS-81 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-28	CS-82 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-29	CS-83 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-30	CS-84 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-31	CS-85 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-32	CS-86 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-33	CS-87 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-34	CS-88 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-35	CS-89 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-36	CS-90 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-37	CS-91 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-38	CS-92 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-39	CS-93 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-40	CS-94 (4.5')	Total/NA	Solid	8015B NM	108638
MB 880-108637/1-A	Method Blank	Total/NA	Solid	8015B NM	108637
MB 880-108638/1-A	Method Blank	Total/NA	Solid	8015B NM	108638
LCS 880-108637/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108637
LCS 880-108638/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108638

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-108637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108637
LCSD 880-108638/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108638
880-57342-1 MS	CS-55 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-1 MSD	CS-55 (4.5')	Total/NA	Solid	8015B NM	108637
880-57342-21 MS	CS-75 (4.5')	Total/NA	Solid	8015B NM	108638
880-57342-21 MSD	CS-75 (4.5')	Total/NA	Solid	8015B NM	108638

Analysis Batch: 108845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-41	CS-95 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-42	CS-96 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-43	CS-97 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-44	CS-98 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-45	CS-99 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-46	CS-100 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-47	CS-101 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-48	CS-102 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-49	CS-103 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-50	CS-104 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-51	CS-105 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-52	CS-106 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-53	CS-107 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-54	CS-108 (0.5')	Total/NA	Solid	8015B NM	108639
880-57342-55	SW-15 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-56	SW-16 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-57	SW-17 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-58	SW-18 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-59	SW-19 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-60	SW-20 (4.5')	Total/NA	Solid	8015B NM	108639
MB 880-108639/1-A	Method Blank	Total/NA	Solid	8015B NM	108639
LCS 880-108639/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108639
LCSD 880-108639/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108639
880-57342-41 MS	CS-95 (4.5')	Total/NA	Solid	8015B NM	108639
880-57342-41 MSD	CS-95 (4.5')	Total/NA	Solid	8015B NM	108639

Analysis Batch: 108847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-61	SW-21 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-62	SW-22 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-63	SW-23 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-64	SW-24 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-65	SW-25 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-66	SW-26 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-67	SW-27 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-68	SW-28 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-69	SW-29 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-70	SW-30 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-71	SW-31 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-72	SW-32 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-73	SW-33 (4')	Total/NA	Solid	8015B NM	108640
880-57342-74	SW-34 (4')	Total/NA	Solid	8015B NM	108640

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-75	SW-35 (0.5')	Total/NA	Solid	8015B NM	108640
880-57342-76	SW-36 (0.5')	Total/NA	Solid	8015B NM	108640
880-57342-77	SW-37 (0.5')	Total/NA	Solid	8015B NM	108640
MB 880-108640/1-A	Method Blank	Total/NA	Solid	8015B NM	108640
LCS 880-108640/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108640
LCSD 880-108640/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108640
880-57342-61 MS	SW-21 (4.5')	Total/NA	Solid	8015B NM	108640
880-57342-61 MSD	SW-21 (4.5')	Total/NA	Solid	8015B NM	108640

Analysis Batch: 108867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Total/NA	Solid	8015 NM	
880-57342-2	CS-56 (4.5')	Total/NA	Solid	8015 NM	
880-57342-3	CS-57 (4.5')	Total/NA	Solid	8015 NM	
880-57342-4	CS-58 (4.5')	Total/NA	Solid	8015 NM	
880-57342-5	CS-59 (4.5')	Total/NA	Solid	8015 NM	
880-57342-6	CS-60 (4.5')	Total/NA	Solid	8015 NM	
880-57342-7	CS-61 (4.5')	Total/NA	Solid	8015 NM	
880-57342-8	CS-62 (4.5')	Total/NA	Solid	8015 NM	
880-57342-9	CS-63 (4.5')	Total/NA	Solid	8015 NM	
880-57342-10	CS-64 (4.5')	Total/NA	Solid	8015 NM	
880-57342-11	CS-65 (4.5')	Total/NA	Solid	8015 NM	
880-57342-12	CS-66 (4.5')	Total/NA	Solid	8015 NM	
880-57342-13	CS-67 (4.5')	Total/NA	Solid	8015 NM	
880-57342-14	CS-68 (4.5')	Total/NA	Solid	8015 NM	
880-57342-15	CS-69 (4.5')	Total/NA	Solid	8015 NM	
880-57342-16	CS-70 (4.5')	Total/NA	Solid	8015 NM	
880-57342-17	CS-71 (4.5')	Total/NA	Solid	8015 NM	
880-57342-18	CS-72 (4.5')	Total/NA	Solid	8015 NM	
880-57342-19	CS-73 (4.5')	Total/NA	Solid	8015 NM	
880-57342-20	CS-74 (4.5')	Total/NA	Solid	8015 NM	
880-57342-21	CS-75 (4.5')	Total/NA	Solid	8015 NM	
880-57342-22	CS-76 (4.5')	Total/NA	Solid	8015 NM	
880-57342-23	CS-77 (4.5')	Total/NA	Solid	8015 NM	
880-57342-24	CS-78 (4.5')	Total/NA	Solid	8015 NM	
880-57342-25	CS-79 (4.5')	Total/NA	Solid	8015 NM	
880-57342-26	CS-80 (4.5')	Total/NA	Solid	8015 NM	
880-57342-27	CS-81 (4.5')	Total/NA	Solid	8015 NM	
880-57342-28	CS-82 (4.5')	Total/NA	Solid	8015 NM	
880-57342-29	CS-83 (4.5')	Total/NA	Solid	8015 NM	
880-57342-30	CS-84 (4.5')	Total/NA	Solid	8015 NM	
880-57342-31	CS-85 (4.5')	Total/NA	Solid	8015 NM	
880-57342-32	CS-86 (4.5')	Total/NA	Solid	8015 NM	
880-57342-33	CS-87 (4.5')	Total/NA	Solid	8015 NM	
880-57342-34	CS-88 (4.5')	Total/NA	Solid	8015 NM	
880-57342-35	CS-89 (4.5')	Total/NA	Solid	8015 NM	
880-57342-36	CS-90 (4.5')	Total/NA	Solid	8015 NM	
880-57342-37	CS-91 (4.5')	Total/NA	Solid	8015 NM	
880-57342-38	CS-92 (4.5')	Total/NA	Solid	8015 NM	
880-57342-39	CS-93 (4.5')	Total/NA	Solid	8015 NM	
880-57342-40	CS-94 (4.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108867 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-41	CS-95 (4.5')	Total/NA	Solid	8015 NM	
880-57342-42	CS-96 (4.5')	Total/NA	Solid	8015 NM	
880-57342-43	CS-97 (4.5')	Total/NA	Solid	8015 NM	
880-57342-44	CS-98 (4.5')	Total/NA	Solid	8015 NM	
880-57342-45	CS-99 (4.5')	Total/NA	Solid	8015 NM	
880-57342-46	CS-100 (4.5')	Total/NA	Solid	8015 NM	
880-57342-47	CS-101 (4.5')	Total/NA	Solid	8015 NM	
880-57342-48	CS-102 (0.5')	Total/NA	Solid	8015 NM	
880-57342-49	CS-103 (0.5')	Total/NA	Solid	8015 NM	
880-57342-50	CS-104 (0.5')	Total/NA	Solid	8015 NM	
880-57342-51	CS-105 (0.5')	Total/NA	Solid	8015 NM	
880-57342-52	CS-106 (0.5')	Total/NA	Solid	8015 NM	
880-57342-53	CS-107 (0.5')	Total/NA	Solid	8015 NM	
880-57342-54	CS-108 (0.5')	Total/NA	Solid	8015 NM	
880-57342-55	SW-15 (4.5')	Total/NA	Solid	8015 NM	
880-57342-56	SW-16 (4.5')	Total/NA	Solid	8015 NM	
880-57342-57	SW-17 (4.5')	Total/NA	Solid	8015 NM	
880-57342-58	SW-18 (4.5')	Total/NA	Solid	8015 NM	
880-57342-59	SW-19 (4.5')	Total/NA	Solid	8015 NM	
880-57342-60	SW-20 (4.5')	Total/NA	Solid	8015 NM	
880-57342-61	SW-21 (4.5')	Total/NA	Solid	8015 NM	
880-57342-62	SW-22 (4.5')	Total/NA	Solid	8015 NM	
880-57342-63	SW-23 (4.5')	Total/NA	Solid	8015 NM	
880-57342-64	SW-24 (4.5')	Total/NA	Solid	8015 NM	
880-57342-65	SW-25 (4.5')	Total/NA	Solid	8015 NM	
880-57342-66	SW-26 (4.5')	Total/NA	Solid	8015 NM	
880-57342-67	SW-27 (4.5')	Total/NA	Solid	8015 NM	
880-57342-68	SW-28 (4.5')	Total/NA	Solid	8015 NM	
880-57342-69	SW-29 (4.5')	Total/NA	Solid	8015 NM	
880-57342-70	SW-30 (4.5')	Total/NA	Solid	8015 NM	
880-57342-71	SW-31 (4.5')	Total/NA	Solid	8015 NM	
880-57342-72	SW-32 (4.5')	Total/NA	Solid	8015 NM	
880-57342-73	SW-33 (4')	Total/NA	Solid	8015 NM	
880-57342-74	SW-34 (4')	Total/NA	Solid	8015 NM	
880-57342-75	SW-35 (0.5')	Total/NA	Solid	8015 NM	
880-57342-76	SW-36 (0.5')	Total/NA	Solid	8015 NM	
880-57342-77	SW-37 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Soluble	Solid	DI Leach	
880-57342-2	CS-56 (4.5')	Soluble	Solid	DI Leach	
880-57342-3	CS-57 (4.5')	Soluble	Solid	DI Leach	
880-57342-4	CS-58 (4.5')	Soluble	Solid	DI Leach	
880-57342-5	CS-59 (4.5')	Soluble	Solid	DI Leach	
880-57342-6	CS-60 (4.5')	Soluble	Solid	DI Leach	
880-57342-7	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-57342-8	CS-62 (4.5')	Soluble	Solid	DI Leach	
880-57342-9	CS-63 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 108664 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-10	CS-64 (4.5')	Soluble	Solid	DI Leach	
880-57342-11	CS-65 (4.5')	Soluble	Solid	DI Leach	
880-57342-12	CS-66 (4.5')	Soluble	Solid	DI Leach	
880-57342-13	CS-67 (4.5')	Soluble	Solid	DI Leach	
880-57342-14	CS-68 (4.5')	Soluble	Solid	DI Leach	
880-57342-15	CS-69 (4.5')	Soluble	Solid	DI Leach	
880-57342-16	CS-70 (4.5')	Soluble	Solid	DI Leach	
880-57342-17	CS-71 (4.5')	Soluble	Solid	DI Leach	
880-57342-18	CS-72 (4.5')	Soluble	Solid	DI Leach	
880-57342-19	CS-73 (4.5')	Soluble	Solid	DI Leach	
MB 880-108664/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108664/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108664/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57342-10 MS	CS-64 (4.5')	Soluble	Solid	DI Leach	
880-57342-10 MSD	CS-64 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 108665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-20	CS-74 (4.5')	Soluble	Solid	DI Leach	
880-57342-21	CS-75 (4.5')	Soluble	Solid	DI Leach	
880-57342-22	CS-76 (4.5')	Soluble	Solid	DI Leach	
880-57342-23	CS-77 (4.5')	Soluble	Solid	DI Leach	
880-57342-24	CS-78 (4.5')	Soluble	Solid	DI Leach	
880-57342-25	CS-79 (4.5')	Soluble	Solid	DI Leach	
880-57342-26	CS-80 (4.5')	Soluble	Solid	DI Leach	
880-57342-27	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-57342-28	CS-82 (4.5')	Soluble	Solid	DI Leach	
880-57342-29	CS-83 (4.5')	Soluble	Solid	DI Leach	
880-57342-30	CS-84 (4.5')	Soluble	Solid	DI Leach	
880-57342-31	CS-85 (4.5')	Soluble	Solid	DI Leach	
880-57342-32	CS-86 (4.5')	Soluble	Solid	DI Leach	
880-57342-33	CS-87 (4.5')	Soluble	Solid	DI Leach	
880-57342-34	CS-88 (4.5')	Soluble	Solid	DI Leach	
880-57342-35	CS-89 (4.5')	Soluble	Solid	DI Leach	
880-57342-36	CS-90 (4.5')	Soluble	Solid	DI Leach	
880-57342-37	CS-91 (4.5')	Soluble	Solid	DI Leach	
880-57342-38	CS-92 (4.5')	Soluble	Solid	DI Leach	
880-57342-39	CS-93 (4.5')	Soluble	Solid	DI Leach	
MB 880-108665/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108665/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108665/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57342-20 MS	CS-74 (4.5')	Soluble	Solid	DI Leach	
880-57342-20 MSD	CS-74 (4.5')	Soluble	Solid	DI Leach	
880-57342-30 MS	CS-84 (4.5')	Soluble	Solid	DI Leach	
880-57342-30 MSD	CS-84 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 108666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-40	CS-94 (4.5')	Soluble	Solid	DI Leach	
880-57342-41	CS-95 (4.5')	Soluble	Solid	DI Leach	
880-57342-42	CS-96 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 108666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-43	CS-97 (4.5')	Soluble	Solid	DI Leach	
880-57342-44	CS-98 (4.5')	Soluble	Solid	DI Leach	
880-57342-45	CS-99 (4.5')	Soluble	Solid	DI Leach	
880-57342-46	CS-100 (4.5')	Soluble	Solid	DI Leach	
880-57342-47	CS-101 (4.5')	Soluble	Solid	DI Leach	
880-57342-48	CS-102 (0.5')	Soluble	Solid	DI Leach	
880-57342-49	CS-103 (0.5')	Soluble	Solid	DI Leach	
880-57342-50	CS-104 (0.5')	Soluble	Solid	DI Leach	
880-57342-51	CS-105 (0.5')	Soluble	Solid	DI Leach	
880-57342-52	CS-106 (0.5')	Soluble	Solid	DI Leach	
880-57342-53	CS-107 (0.5')	Soluble	Solid	DI Leach	
880-57342-54	CS-108 (0.5')	Soluble	Solid	DI Leach	
880-57342-55	SW-15 (4.5')	Soluble	Solid	DI Leach	
880-57342-56	SW-16 (4.5')	Soluble	Solid	DI Leach	
880-57342-57	SW-17 (4.5')	Soluble	Solid	DI Leach	
880-57342-58	SW-18 (4.5')	Soluble	Solid	DI Leach	
880-57342-59	SW-19 (4.5')	Soluble	Solid	DI Leach	
MB 880-108666/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108666/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108666/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57342-40 MS	CS-94 (4.5')	Soluble	Solid	DI Leach	
880-57342-40 MSD	CS-94 (4.5')	Soluble	Solid	DI Leach	
880-57342-50 MS	CS-104 (0.5')	Soluble	Solid	DI Leach	
880-57342-50 MSD	CS-104 (0.5')	Soluble	Solid	DI Leach	

Leach Batch: 108667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-60	SW-20 (4.5')	Soluble	Solid	DI Leach	
880-57342-61	SW-21 (4.5')	Soluble	Solid	DI Leach	
880-57342-62	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-57342-63	SW-23 (4.5')	Soluble	Solid	DI Leach	
880-57342-64	SW-24 (4.5')	Soluble	Solid	DI Leach	
880-57342-65	SW-25 (4.5')	Soluble	Solid	DI Leach	
880-57342-66	SW-26 (4.5')	Soluble	Solid	DI Leach	
880-57342-67	SW-27 (4.5')	Soluble	Solid	DI Leach	
880-57342-68	SW-28 (4.5')	Soluble	Solid	DI Leach	
880-57342-69	SW-29 (4.5')	Soluble	Solid	DI Leach	
880-57342-70	SW-30 (4.5')	Soluble	Solid	DI Leach	
880-57342-71	SW-31 (4.5')	Soluble	Solid	DI Leach	
880-57342-72	SW-32 (4.5')	Soluble	Solid	DI Leach	
880-57342-73	SW-33 (4')	Soluble	Solid	DI Leach	
880-57342-74	SW-34 (4')	Soluble	Solid	DI Leach	
880-57342-75	SW-35 (0.5')	Soluble	Solid	DI Leach	
880-57342-76	SW-36 (0.5')	Soluble	Solid	DI Leach	
880-57342-77	SW-37 (0.5')	Soluble	Solid	DI Leach	
MB 880-108667/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108667/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108667/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57342-60 MS	SW-20 (4.5')	Soluble	Solid	DI Leach	
880-57342-60 MSD	SW-20 (4.5')	Soluble	Solid	DI Leach	
880-57342-70 MS	SW-30 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 108667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-70 MSD	SW-30 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 108682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-1	CS-55 (4.5')	Soluble	Solid	300.0	108664
880-57342-2	CS-56 (4.5')	Soluble	Solid	300.0	108664
880-57342-3	CS-57 (4.5')	Soluble	Solid	300.0	108664
880-57342-4	CS-58 (4.5')	Soluble	Solid	300.0	108664
880-57342-5	CS-59 (4.5')	Soluble	Solid	300.0	108664
880-57342-6	CS-60 (4.5')	Soluble	Solid	300.0	108664
880-57342-7	CS-61 (4.5')	Soluble	Solid	300.0	108664
880-57342-8	CS-62 (4.5')	Soluble	Solid	300.0	108664
880-57342-9	CS-63 (4.5')	Soluble	Solid	300.0	108664
880-57342-10	CS-64 (4.5')	Soluble	Solid	300.0	108664
880-57342-11	CS-65 (4.5')	Soluble	Solid	300.0	108664
880-57342-12	CS-66 (4.5')	Soluble	Solid	300.0	108664
880-57342-13	CS-67 (4.5')	Soluble	Solid	300.0	108664
880-57342-14	CS-68 (4.5')	Soluble	Solid	300.0	108664
880-57342-15	CS-69 (4.5')	Soluble	Solid	300.0	108664
880-57342-16	CS-70 (4.5')	Soluble	Solid	300.0	108664
880-57342-17	CS-71 (4.5')	Soluble	Solid	300.0	108664
880-57342-18	CS-72 (4.5')	Soluble	Solid	300.0	108664
880-57342-19	CS-73 (4.5')	Soluble	Solid	300.0	108664
MB 880-108664/1-A	Method Blank	Soluble	Solid	300.0	108664
LCS 880-108664/2-A	Lab Control Sample	Soluble	Solid	300.0	108664
LCSD 880-108664/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108664
880-57342-10 MS	CS-64 (4.5')	Soluble	Solid	300.0	108664
880-57342-10 MSD	CS-64 (4.5')	Soluble	Solid	300.0	108664

Analysis Batch: 108683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-20	CS-74 (4.5')	Soluble	Solid	300.0	108665
880-57342-21	CS-75 (4.5')	Soluble	Solid	300.0	108665
880-57342-22	CS-76 (4.5')	Soluble	Solid	300.0	108665
880-57342-23	CS-77 (4.5')	Soluble	Solid	300.0	108665
880-57342-24	CS-78 (4.5')	Soluble	Solid	300.0	108665
880-57342-25	CS-79 (4.5')	Soluble	Solid	300.0	108665
880-57342-26	CS-80 (4.5')	Soluble	Solid	300.0	108665
880-57342-27	CS-81 (4.5')	Soluble	Solid	300.0	108665
880-57342-28	CS-82 (4.5')	Soluble	Solid	300.0	108665
880-57342-29	CS-83 (4.5')	Soluble	Solid	300.0	108665
880-57342-30	CS-84 (4.5')	Soluble	Solid	300.0	108665
880-57342-31	CS-85 (4.5')	Soluble	Solid	300.0	108665
880-57342-32	CS-86 (4.5')	Soluble	Solid	300.0	108665
880-57342-33	CS-87 (4.5')	Soluble	Solid	300.0	108665
880-57342-34	CS-88 (4.5')	Soluble	Solid	300.0	108665
880-57342-35	CS-89 (4.5')	Soluble	Solid	300.0	108665
880-57342-36	CS-90 (4.5')	Soluble	Solid	300.0	108665
880-57342-37	CS-91 (4.5')	Soluble	Solid	300.0	108665
880-57342-38	CS-92 (4.5')	Soluble	Solid	300.0	108665
880-57342-39	CS-93 (4.5')	Soluble	Solid	300.0	108665

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 108683 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-108665/1-A	Method Blank	Soluble	Solid	300.0	108665
LCS 880-108665/2-A	Lab Control Sample	Soluble	Solid	300.0	108665
LCSD 880-108665/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108665
880-57342-20 MS	CS-74 (4.5')	Soluble	Solid	300.0	108665
880-57342-20 MSD	CS-74 (4.5')	Soluble	Solid	300.0	108665
880-57342-30 MS	CS-84 (4.5')	Soluble	Solid	300.0	108665
880-57342-30 MSD	CS-84 (4.5')	Soluble	Solid	300.0	108665

Analysis Batch: 108684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-40	CS-94 (4.5')	Soluble	Solid	300.0	108666
880-57342-41	CS-95 (4.5')	Soluble	Solid	300.0	108666
880-57342-42	CS-96 (4.5')	Soluble	Solid	300.0	108666
880-57342-43	CS-97 (4.5')	Soluble	Solid	300.0	108666
880-57342-44	CS-98 (4.5')	Soluble	Solid	300.0	108666
880-57342-45	CS-99 (4.5')	Soluble	Solid	300.0	108666
880-57342-46	CS-100 (4.5')	Soluble	Solid	300.0	108666
880-57342-47	CS-101 (4.5')	Soluble	Solid	300.0	108666
880-57342-48	CS-102 (0.5')	Soluble	Solid	300.0	108666
880-57342-49	CS-103 (0.5')	Soluble	Solid	300.0	108666
880-57342-50	CS-104 (0.5')	Soluble	Solid	300.0	108666
880-57342-51	CS-105 (0.5')	Soluble	Solid	300.0	108666
880-57342-52	CS-106 (0.5')	Soluble	Solid	300.0	108666
880-57342-53	CS-107 (0.5')	Soluble	Solid	300.0	108666
880-57342-54	CS-108 (0.5')	Soluble	Solid	300.0	108666
880-57342-55	SW-15 (4.5')	Soluble	Solid	300.0	108666
880-57342-56	SW-16 (4.5')	Soluble	Solid	300.0	108666
880-57342-57	SW-17 (4.5')	Soluble	Solid	300.0	108666
880-57342-58	SW-18 (4.5')	Soluble	Solid	300.0	108666
880-57342-59	SW-19 (4.5')	Soluble	Solid	300.0	108666
MB 880-108666/1-A	Method Blank	Soluble	Solid	300.0	108666
LCS 880-108666/2-A	Lab Control Sample	Soluble	Solid	300.0	108666
LCSD 880-108666/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108666
880-57342-40 MS	CS-94 (4.5')	Soluble	Solid	300.0	108666
880-57342-40 MSD	CS-94 (4.5')	Soluble	Solid	300.0	108666
880-57342-50 MS	CS-104 (0.5')	Soluble	Solid	300.0	108666
880-57342-50 MSD	CS-104 (0.5')	Soluble	Solid	300.0	108666

Analysis Batch: 108724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-60	SW-20 (4.5')	Soluble	Solid	300.0	108667
880-57342-61	SW-21 (4.5')	Soluble	Solid	300.0	108667
880-57342-62	SW-22 (4.5')	Soluble	Solid	300.0	108667
880-57342-63	SW-23 (4.5')	Soluble	Solid	300.0	108667
880-57342-64	SW-24 (4.5')	Soluble	Solid	300.0	108667
880-57342-65	SW-25 (4.5')	Soluble	Solid	300.0	108667
880-57342-66	SW-26 (4.5')	Soluble	Solid	300.0	108667
880-57342-67	SW-27 (4.5')	Soluble	Solid	300.0	108667
880-57342-68	SW-28 (4.5')	Soluble	Solid	300.0	108667
880-57342-69	SW-29 (4.5')	Soluble	Solid	300.0	108667
880-57342-70	SW-30 (4.5')	Soluble	Solid	300.0	108667

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QC Association Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 108724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57342-71	SW-31 (4.5')	Soluble	Solid	300.0	108667
880-57342-72	SW-32 (4.5')	Soluble	Solid	300.0	108667
880-57342-73	SW-33 (4')	Soluble	Solid	300.0	108667
880-57342-74	SW-34 (4')	Soluble	Solid	300.0	108667
880-57342-75	SW-35 (0.5')	Soluble	Solid	300.0	108667
880-57342-76	SW-36 (0.5')	Soluble	Solid	300.0	108667
880-57342-77	SW-37 (0.5')	Soluble	Solid	300.0	108667
MB 880-108667/1-A	Method Blank	Soluble	Solid	300.0	108667
LCS 880-108667/2-A	Lab Control Sample	Soluble	Solid	300.0	108667
LCSD 880-108667/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108667
880-57342-60 MS	SW-20 (4.5')	Soluble	Solid	300.0	108667
880-57342-60 MSD	SW-20 (4.5')	Soluble	Solid	300.0	108667
880-57342-70 MS	SW-30 (4.5')	Soluble	Solid	300.0	108667
880-57342-70 MSD	SW-30 (4.5')	Soluble	Solid	300.0	108667

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-57342-1

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 22:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 22:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 00:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 00:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 13:41	CH	EET MID

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-57342-2

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 22:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 22:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 00:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 00:57	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 13:48	CH	EET MID

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-57342-3

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 23:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 23:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 01:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 01:12	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 13:55	CH	EET MID

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-57342-4

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 23:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 23:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-57342-4

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/27/25 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 01:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 14:02	CH	EET MID

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-57342-5

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 23:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 23:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 01:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 01:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 14:24	CH	EET MID

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-57342-6

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 00:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 00:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 02:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 02:00	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 14:31	CH	EET MID

Client Sample ID: CS-61 (4.5')

Lab Sample ID: 880-57342-7

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 00:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 00:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 02:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 02:16	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-61 (4.5')**Lab Sample ID: 880-57342-7****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 14:38	CH	EET MID

Client Sample ID: CS-62 (4.5')**Lab Sample ID: 880-57342-8****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 00:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 02:32	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 14:45	CH	EET MID

Client Sample ID: CS-63 (4.5')**Lab Sample ID: 880-57342-9****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 01:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 02:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 02:49	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 14:53	CH	EET MID

Client Sample ID: CS-64 (4.5')**Lab Sample ID: 880-57342-10****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 01:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 03:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 03:04	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 15:00	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-57342-11

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 02:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 02:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 03:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 03:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 15:21	CH	EET MID

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-57342-12

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 03:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 03:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 03:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 03:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 15:28	CH	EET MID

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-57342-13

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 03:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 03:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 04:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 04:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 15:50	CH	EET MID

Client Sample ID: CS-68 (4.5')

Lab Sample ID: 880-57342-14

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 03:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-68 (4.5')

Lab Sample ID: 880-57342-14

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/27/25 04:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 04:25	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 15:57	CH	EET MID

Client Sample ID: CS-69 (4.5')

Lab Sample ID: 880-57342-15

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 04:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 04:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 04:41	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 16:04	CH	EET MID

Client Sample ID: CS-70 (4.5')

Lab Sample ID: 880-57342-16

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 04:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 04:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 04:57	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 16:11	CH	EET MID

Client Sample ID: CS-71 (4.5')

Lab Sample ID: 880-57342-17

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 04:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 05:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 05:14	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-71 (4.5')**Lab Sample ID: 880-57342-17****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 16:19	CH	EET MID

Client Sample ID: CS-72 (4.5')**Lab Sample ID: 880-57342-18****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 05:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 05:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 05:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 16:26	CH	EET MID

Client Sample ID: CS-73 (4.5')**Lab Sample ID: 880-57342-19****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 05:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 05:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 05:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 05:46	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108664	04/25/25 09:32	SMC	EET MID
Soluble	Analysis	300.0		1			108682	04/25/25 16:33	CH	EET MID

Client Sample ID: CS-74 (4.5')**Lab Sample ID: 880-57342-20****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108670	04/25/25 10:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/26/25 05:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 05:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 06:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108637	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 06:02	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 18:06	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-75 (4.5')

Lab Sample ID: 880-57342-21

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 11:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 11:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 08:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 08:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 18:23	CH	EET MID

Client Sample ID: CS-76 (4.5')

Lab Sample ID: 880-57342-22

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 08:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 08:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 18:29	CH	EET MID

Client Sample ID: CS-77 (4.5')

Lab Sample ID: 880-57342-23

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 09:15	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 18:35	CH	EET MID

Client Sample ID: CS-78 (4.5')

Lab Sample ID: 880-57342-24

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 12:49	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-78 (4.5')

Lab Sample ID: 880-57342-24

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/27/25 09:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 09:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 18:40	CH	EET MID

Client Sample ID: CS-79 (4.5')

Lab Sample ID: 880-57342-25

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 09:48	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 18:57	CH	EET MID

Client Sample ID: CS-80 (4.5')

Lab Sample ID: 880-57342-26

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 13:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 10:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 10:05	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:03	CH	EET MID

Client Sample ID: CS-81 (4.5')

Lab Sample ID: 880-57342-27

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 13:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 10:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 10:21	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-81 (4.5')

Lab Sample ID: 880-57342-27

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:09	CH	EET MID

Client Sample ID: CS-82 (4.5')

Lab Sample ID: 880-57342-28

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 14:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 10:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 10:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:14	CH	EET MID

Client Sample ID: CS-83 (4.5')

Lab Sample ID: 880-57342-29

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 14:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 10:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:20	CH	EET MID

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-57342-30

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 16:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 11:10	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:25	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-85 (4.5')

Lab Sample ID: 880-57342-31

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 16:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 11:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 11:41	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:42	CH	EET MID

Client Sample ID: CS-86 (4.5')

Lab Sample ID: 880-57342-32

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 11:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 11:58	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 19:48	CH	EET MID

Client Sample ID: CS-87 (4.5')

Lab Sample ID: 880-57342-33

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 17:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 12:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:05	CH	EET MID

Client Sample ID: CS-88 (4.5')

Lab Sample ID: 880-57342-34

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 17:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-88 (4.5')

Lab Sample ID: 880-57342-34

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/27/25 12:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 12:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:11	CH	EET MID

Client Sample ID: CS-89 (4.5')

Lab Sample ID: 880-57342-35

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 12:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 12:47	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:16	CH	EET MID

Client Sample ID: CS-90 (4.5')

Lab Sample ID: 880-57342-36

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 18:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 13:03	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:22	CH	EET MID

Client Sample ID: CS-91 (4.5')

Lab Sample ID: 880-57342-37

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 18:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 13:19	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-91 (4.5')

Lab Sample ID: 880-57342-37

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:28	CH	EET MID

Client Sample ID: CS-92 (4.5')

Lab Sample ID: 880-57342-38

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 19:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 13:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 13:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:33	CH	EET MID

Client Sample ID: CS-93 (4.5')

Lab Sample ID: 880-57342-39

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108673	04/25/25 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 19:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 13:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 13:52	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108665	04/25/25 09:34	SMC	EET MID
Soluble	Analysis	300.0		1			108683	04/25/25 20:39	CH	EET MID

Client Sample ID: CS-94 (4.5')

Lab Sample ID: 880-57342-40

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 02:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/27/25 14:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108638	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108762	04/27/25 14:09	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 17:30	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-95 (4.5')**Lab Sample ID: 880-57342-41****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/25/25 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 22:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 12:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 12:18	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 17:52	CH	EET MID

Client Sample ID: CS-96 (4.5')**Lab Sample ID: 880-57342-42****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/25/25 23:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 23:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 13:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 17:59	CH	EET MID

Client Sample ID: CS-97 (4.5')**Lab Sample ID: 880-57342-43****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/25/25 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/25/25 23:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 13:19	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 18:06	CH	EET MID

Client Sample ID: CS-98 (4.5')**Lab Sample ID: 880-57342-44****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 00:01	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-98 (4.5')

Lab Sample ID: 880-57342-44

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 13:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 18:13	CH	EET MID

Client Sample ID: CS-99 (4.5')

Lab Sample ID: 880-57342-45

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 00:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 13:48	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 18:47	CH	EET MID

Client Sample ID: CS-100 (4.5')

Lab Sample ID: 880-57342-46

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 00:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 14:04	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 18:55	CH	EET MID

Client Sample ID: CS-101 (4.5')

Lab Sample ID: 880-57342-47

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 01:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 01:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 14:19	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-101 (4.5')**Lab Sample ID: 880-57342-47****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 19:02	CH	EET MID

Client Sample ID: CS-102 (0.5')**Lab Sample ID: 880-57342-48****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 01:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 14:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 19:09	CH	EET MID

Client Sample ID: CS-103 (0.5')**Lab Sample ID: 880-57342-49****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 01:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 14:52	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 19:16	CH	EET MID

Client Sample ID: CS-104 (0.5')**Lab Sample ID: 880-57342-50****Date Collected: 04/23/25 00:00****Matrix: Solid****Date Received: 04/24/25 16:47**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 02:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 15:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 19:23	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-105 (0.5')

Lab Sample ID: 880-57342-51

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 03:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 03:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 15:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 15:39	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 19:45	CH	EET MID

Client Sample ID: CS-106 (0.5')

Lab Sample ID: 880-57342-52

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 03:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 03:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 15:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 15:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 19:52	CH	EET MID

Client Sample ID: CS-107 (0.5')

Lab Sample ID: 880-57342-53

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 04:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 04:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 16:10	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:13	CH	EET MID

Client Sample ID: CS-108 (0.5')

Lab Sample ID: 880-57342-54

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 04:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: CS-108 (0.5')

Lab Sample ID: 880-57342-54

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 16:25	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:21	CH	EET MID

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-57342-55

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 05:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 16:40	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:28	CH	EET MID

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-57342-56

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 05:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 16:54	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:35	CH	EET MID

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-57342-57

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 05:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 17:09	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-57342-57

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:42	CH	EET MID

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-57342-58

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 06:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 06:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 17:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 17:24	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:49	CH	EET MID

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-57342-59

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 06:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 17:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 17:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108666	04/25/25 09:37	SMC	EET MID
Soluble	Analysis	300.0		1			108684	04/25/25 20:57	CH	EET MID

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-57342-60

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108674	04/25/25 10:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108643	04/26/25 06:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/26/25 06:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 17:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108639	04/25/25 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108845	04/28/25 17:58	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 21:24	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-57342-61

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 22:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 22:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 12:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 12:18	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 21:41	CH	EET MID

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-57342-62

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 23:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 23:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 13:19	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 21:47	CH	EET MID

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-57342-63

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 23:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 23:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 13:33	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 21:53	CH	EET MID

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-57342-64

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/28/25 23:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/28/25 23:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-57342-64

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/28/25 13:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 13:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 21:58	CH	EET MID

Client Sample ID: SW-25 (4.5')

Lab Sample ID: 880-57342-65

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 00:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 00:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 14:04	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 22:15	CH	EET MID

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-57342-66

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 00:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 14:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 22:21	CH	EET MID

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-57342-67

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 00:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 14:38	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-57342-67

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 22:26	CH	EET MID

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-57342-68

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 01:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 14:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 14:52	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 22:32	CH	EET MID

Client Sample ID: SW-29 (4.5')

Lab Sample ID: 880-57342-69

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 01:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 15:08	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 22:38	CH	EET MID

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-57342-70

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 03:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 03:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 15:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 15:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 22:43	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-57342-71

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 03:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 03:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 15:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 15:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:00	CH	EET MID

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-57342-72

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 04:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 16:10	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:06	CH	EET MID

Client Sample ID: SW-33 (4')

Lab Sample ID: 880-57342-73

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 04:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 16:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:23	CH	EET MID

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-57342-74

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 04:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 04:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-34 (4')

Lab Sample ID: 880-57342-74

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 16:40	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:29	CH	EET MID

Client Sample ID: SW-35 (0.5')

Lab Sample ID: 880-57342-75

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 05:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 05:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 16:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 16:54	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:34	CH	EET MID

Client Sample ID: SW-36 (0.5')

Lab Sample ID: 880-57342-76

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 05:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 05:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 17:09	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:40	CH	EET MID

Client Sample ID: SW-37 (0.5')

Lab Sample ID: 880-57342-77

Date Collected: 04/23/25 00:00

Matrix: Solid

Date Received: 04/24/25 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108675	04/25/25 10:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108784	04/29/25 05:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108824	04/29/25 05:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			108867	04/28/25 17:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108640	04/25/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108847	04/28/25 17:24	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Client Sample ID: SW-37 (0.5')
Date Collected: 04/23/25 00:00
Date Received: 04/24/25 16:47

Lab Sample ID: 880-57342-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	108667	04/25/25 09:40	SMC	EET MID
Soluble	Analysis	300.0		1			108724	04/25/25 23:46	CH	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57342-1	CS-55 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-2	CS-56 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-3	CS-57 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-4	CS-58 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-5	CS-59 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-6	CS-60 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-7	CS-61 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-8	CS-62 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-9	CS-63 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-10	CS-64 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-11	CS-65 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-12	CS-66 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-13	CS-67 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-14	CS-68 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-15	CS-69 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-16	CS-70 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-17	CS-71 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-18	CS-72 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-19	CS-73 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-20	CS-74 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-21	CS-75 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-22	CS-76 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-23	CS-77 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-24	CS-78 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-25	CS-79 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-26	CS-80 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-27	CS-81 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-28	CS-82 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-29	CS-83 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-30	CS-84 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-31	CS-85 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-32	CS-86 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-33	CS-87 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-34	CS-88 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-35	CS-89 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-36	CS-90 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-37	CS-91 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-38	CS-92 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-39	CS-93 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-40	CS-94 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-41	CS-95 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-42	CS-96 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-43	CS-97 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-44	CS-98 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-45	CS-99 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-46	CS-100 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-47	CS-101 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-48	CS-102 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-49	CS-103 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-50	CS-104 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-51	CS-105 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-52	CS-106 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-53	CS-107 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-54	CS-108 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47

Sample Summary

Client: Carmona Resources
Project/Site: Flofy Cat Offsite PW SPill

Job ID: 880-57342-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57342-55	SW-15 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-56	SW-16 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-57	SW-17 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-58	SW-18 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-59	SW-19 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-60	SW-20 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-61	SW-21 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-62	SW-22 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-63	SW-23 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-64	SW-24 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-65	SW-25 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-66	SW-26 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-67	SW-27 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-68	SW-28 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-69	SW-29 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-70	SW-30 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-71	SW-31 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-72	SW-32 (4.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-73	SW-33 (4')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-74	SW-34 (4')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-75	SW-35 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-76	SW-36 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47
880-57342-77	SW-37 (0.5')	Solid	04/23/25 00:00	04/24/25 16:47

Chain of Custody



880-57342 Chain of Custody

Page 1 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offisite PW Spill		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT																		Cool: Cool MeOH: Me							
Sampler's Name:		JR																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐																		H ₃ PO ₄ : HP					
Received Intact:		Yes ☒ No ☐		Thermometer ID:		IRS																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		-3.0																		Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		-3.1																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-55 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-56 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-57 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-58 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-59 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-60 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-61 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-62 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-63 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-64 (4.5')		4/23/2025				X				Comp		1		x x x																	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	4/24/25 01:40	<i>[Signature]</i>	4/24/25 11:47

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Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ Deliverables: EDD ☐ ADaPT ☐ Other: _____			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4/24/25 @ 16:47	<i>[Signature]</i>	4/24/25 16:52

Chain of Custody

Work Order No: _____

Page 3 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Turn Around		ANALYSIS REQUEST																Preservative Codes											
Project Number:		☐ Routine ☒ Rush		Pres. Code																	None: NO DI Water: H ₂ O										
Project Location		Due Date:																			Cool: Cool MeOH: Me										
Sampler's Name:		72 HR TAT																			HCL: HC HNO ₃ : HN										
PO #:																					H ₂ SO ₄ : H ₂ NaOH: Na										
																					H ₃ PO ₄ : HP										
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0																	NaHSO ₄ : NABIS	
Received Intact:		Yes No		Thermometer ID:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																				Zn Acetate+NaOH: Zn							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																				NaOH+Ascorbic Acid: SAPC							
Total Containers:				Corrected Temperature:																											
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments							
CS-75 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-76 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-77 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-78 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-79 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-80 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-81 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-82 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-83 (4.5')		4/23/2025		X		Comp	1	x	x	x																					
CS-84 (4.5')		4/23/2025		X		Comp	1	x	x	x																					

Comments:			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/24/2025 @ 16:47		4/24/25 1652

Chain of Custody

Work Order No: _____

4/29/2025

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADaPT ☐ Other:			

Project Name:		Floofy Cat Offsite PW Spill		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush		Parameters																		None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT																		Cool: Cool MeOH: Me							
Sampler's Name:		JR																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		N/A		Thermometer ID:																				NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No		N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No		N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-85 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-86 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-87 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-88 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-89 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-90 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-91 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-92 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-93 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-94 (4.5')		4/23/2025				X				Comp		1		x x x																	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/24/25 @ 16:47		4/24/25 1652

Chain of Custody

Work Order No: _____

4/29/2025

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADaPT ☐ Other:			

Project Name:		Floofy Cat Offsite PW Spill		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT																		Cool: Cool MeOH: Me							
Sampler's Name:		JR																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-95 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-96 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-97 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-98 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-99 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-100 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-101 (4.5')		4/23/2025				X				Comp		1		x x x																	
CS-102 (0.5')		4/23/2025				X				Comp		1		x x x																	
CS-103 (0.5')		4/23/2025				X				Comp		1		x x x																	
CS-104 (0.5')		4/23/2025				X				Comp		1		x x x																	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/24/25 @ 16:47		4/24/25 1652

Chain of Custody

Work Order No: _____

4/29/2025

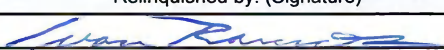
Page 6 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offsite PW Spill		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes							
Project Number:		2559		☐ Routine ☒ Rush			Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0																	None: NO	DI Water: H ₂ O		
Project Location		Lea County, New Mexico		Due Date:							72 HR TAT																		Cool: Cool	MeOH: Me
Sampler's Name:		JR																											HCL: HC	HNO ₃ : HN
PO #:																													H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT				Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP		
Received Intact:				Yes No		N/A		Thermometer ID:																				NaHSO ₄ : NABIS		
Cooler Custody Seals:				Yes No		N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:				Yes No		N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn		
Total Containers:								Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont																	Sample Comments						
CS-105 (0.5')		4/23/2025		X		Comp	1	x	x	x																				
CS-106 (0.5')		4/23/2025		X		Comp	1	x	x	x																				
CS-107 (0.5')		4/23/2025		X		Comp	1	x	x	x																				
CS-108 (0.5')		4/23/2025		X		Comp	1	x	x	x																				
SW-15 (4.5')		4/23/2025		X		Comp	1	x	x	x																				
SW-16 (4.5')		4/23/2025		X		Comp	1	x	x	x																				
SW-17 (4.5')		4/23/2025		X		Comp	1	x	x	x																				
SW-18 (4.5')		4/23/2025		X		Comp	1	x	x	x																				
SW-19 (4.5')		4/23/2025		X		Comp	1	x	x	x																				
SW-20 (4.5')		4/23/2025		X		Comp	1	x	x	x																				

Comments:

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		4/24/2025 10:47			4/24/25 1052

Page 136 of 139

Chain of Custody

Work Order No: _____

4/29/2025

Page 7 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offsite PW Spill		Turn Around				ANALYSIS REQUEST																Preservative Codes													
Project Number:		2559		☐ Routine ☒ Rush		Pres. Code																		None: NO DI Water: H ₂ O													
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT																		Cool: Cool MeOH: Me													
Sampler's Name:		JR																						HCL: HC HNO ₃ : HN													
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na													
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0																		H ₃ PO ₄ : HP			
Received Intact:		Yes No		Thermometer ID:																																	
Cooler Custody Seals:		Yes No N/A		Correction Factor:																																	
Sample Custody Seals:		Yes No N/A		Temperature Reading:																																	
Total Containers:				Corrected Temperature:																																	
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont																		Sample Comments							
SW-21 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-22 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-23 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-24 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-25 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-26 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-27 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-28 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-29 (4.5')		4/23/2025				X				Comp		1		x		x		x																			
SW-30 (4.5')		4/23/2025				X				Comp		1		x		x		x																			

Comments:			

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		4/24/25 @ 16:42				4/24/25 1152	

Chain of Custody

Work Order No: _____

4/29/2025

Page 8 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Floofy Cat Offsite PW Spill		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		2559		☐ Routine ☐ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		72 HR TAT																		Cool: Cool MeOH: Me							
Sampler's Name:		JR																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		N/A		Thermometer ID:																				NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No		N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No		N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
SW-31 (4.5')		4/23/2025				X				Comp		1		x x x																	
SW-32 (4.5')		4/23/2025				X				Comp		1		x x x																	
SW-33 (4')		4/23/2025				X				Comp		1		x x x																	
SW-34 (4')		4/23/2025				X				Comp		1		x x x																	
SW-35 (0.5')		4/23/2025				X				Comp		1		x x x																	
SW-36 (0.5')		4/23/2025				X				Comp		1		x x x																	
SW-37 (0.5')		4/23/2025				X				Comp		1		x x x																	
		4/23/2025																													
		4/23/2025																													
		4/23/2025																													

Comments:

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		4/24/2025 @ 16:45				4/24/25 1652	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57342-1
SDG Number: Lea County, New Mexico

Login Number: 57342

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/15/2025 1:53:18 PM Revision 2

JOB DESCRIPTION

Floofy Cat Offsite PW Spill
Lea COunty, New Mexico

JOB NUMBER

880-57465-1

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



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

Generated
5/15/2025 1:53:18 PM
Revision 2

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Laboratory Job ID: 880-57465-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COunty, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1

Job ID: 880-57465-1

Eurofins Midland

Job Narrative
880-57465-1

REVISION

The report being provided is a revision of the original report sent on 5/1/2025. The report (revision 2) is being revised due to Incorrect COC scanned for final report, revision required.

Report revision history

Revision 1 - 5/15/2025 - Reason - COC missing in final report, revision needed.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The samples were received on 4/29/2025 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: Silvio Cervantes Caliche Backfill (880-57465-1) and Silvio Cervantes Topsoil Backfill (880-57465-2).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: Silvio Cervantes Caliche Backfill (880-57465-1), Silvio Cervantes Topsoil Backfill (880-57465-2), (890-8039-A-1-F MS) and (890-8039-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-108997 and analytical batch 880-109034 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-108955/2-A), (LCSD 880-108955/3-A), (890-8034-A-6-D MS) and (890-8034-A-6-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: Silvio Cervantes Caliche Backfill (880-57465-1), Silvio Cervantes Topsoil Backfill (880-57465-2), (CCV 880-109022/56) and (CCV 880-109022/57). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108955 and analytical batch 880-109022 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 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-109022 recovered below the lower control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-109022/30).

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

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Case Narrative

Client: Carmona Resources
Project: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1

Job ID: 880-57465-1 (Continued) Eurofins Midland

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea County, New Mexico

Client Sample ID: Silvio Cervantes Caliche Backfill

Lab Sample ID: 880-57465-1

Date Collected: 04/25/25 00:00

Matrix: Solid

Date Received: 04/29/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/29/25 16:10	04/30/25 12:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/29/25 16:10	04/30/25 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	04/29/25 16:10	04/30/25 12:57	1
1,4-Difluorobenzene (Surr)	114		70 - 130	04/29/25 16:10	04/30/25 12:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/30/25 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/01/25 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/25 10:45	05/01/25 01:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/25 10:45	05/01/25 01:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/25 10:45	05/01/25 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	54	S1-	70 - 130	04/29/25 10:45	05/01/25 01:56	1
o-Terphenyl (Surr)	51	S1-	70 - 130	04/29/25 10:45	05/01/25 01:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		9.94		mg/Kg			04/29/25 18:26	1

Client Sample ID: Silvio Cervantes Topsoil Backfill

Lab Sample ID: 880-57465-2

Date Collected: 04/25/25 00:00

Matrix: Solid

Date Received: 04/29/25 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/25 16:10	04/30/25 13:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/25 16:10	04/30/25 13:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/25 16:10	04/30/25 13:17	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/29/25 16:10	04/30/25 13:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/25 16:10	04/30/25 13:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/29/25 16:10	04/30/25 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	04/29/25 16:10	04/30/25 13:17	1
1,4-Difluorobenzene (Surr)	119		70 - 130	04/29/25 16:10	04/30/25 13:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea County, New Mexico

Client Sample ID: Silvio Cervantes Topsoil Backfill

Lab Sample ID: 880-57465-2

Date Collected: 04/25/25 00:00

Matrix: Solid

Date Received: 04/29/25 12:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/30/25 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/01/25 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/25 10:45	05/01/25 02:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/25 10:45	05/01/25 02:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/25 10:45	05/01/25 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	60	S1-	70 - 130	04/29/25 10:45	05/01/25 02:17	1
o-Terphenyl (Surr)	58	S1-	70 - 130	04/29/25 10:45	05/01/25 02:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.9		10.1		mg/Kg			04/29/25 18:44	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COUNTY, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-57465-1	Silvio Cervantes Caliche Backfill	142 S1+	114
880-57465-2	Silvio Cervantes Topsoil Backfill	147 S1+	119
890-8039-A-1-F MS	Matrix Spike	134 S1+	111
890-8039-A-1-G MSD	Matrix Spike Duplicate	131 S1+	109
LCS 880-108997/1-A	Lab Control Sample	111	107
LCSD 880-108997/2-A	Lab Control Sample Dup	122	109
MB 880-108997/5-A	Method Blank	178 S1+	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-57465-1	Silvio Cervantes Caliche Backfill	54 S1-	51 S1-
880-57465-2	Silvio Cervantes Topsoil Backfill	60 S1-	58 S1-
890-8034-A-6-D MS	Matrix Spike	65 S1-	58 S1-
890-8034-A-6-E MSD	Matrix Spike Duplicate	62 S1-	55 S1-
LCS 880-108955/2-A	Lab Control Sample	19 S1-	13 S1-
LCSD 880-108955/3-A	Lab Control Sample Dup	19 S1-	13 S1-
MB 880-108955/1-A	Method Blank	126	124

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COUNTY, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108997/5-A

Matrix: Solid

Analysis Batch: 109034

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/29/25 16:10	04/30/25 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/25 16:10	04/30/25 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/25 16:10	04/30/25 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130	04/29/25 16:10	04/30/25 12:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/29/25 16:10	04/30/25 12:08	1

Lab Sample ID: LCS 880-108997/1-A

Matrix: Solid

Analysis Batch: 109034

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09309		mg/Kg		93	70 - 130
Toluene	0.100	0.08385		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.09280		mg/Kg		93	70 - 130
m,p-Xylenes	0.200	0.2068		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1068		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-108997/2-A

Matrix: Solid

Analysis Batch: 109034

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108997

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08647		mg/Kg		86	70 - 130	7	35
Toluene	0.100	0.07005		mg/Kg		70	70 - 130	18	35
Ethylbenzene	0.100	0.09815		mg/Kg		98	70 - 130	6	35
m,p-Xylenes	0.200	0.2142		mg/Kg		107	70 - 130	3	35
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-8039-A-1-F MS

Matrix: Solid

Analysis Batch: 109034

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108997

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1075		mg/Kg		108	70 - 130
Toluene	<0.00200	U	0.100	0.08145		mg/Kg		81	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COUNTY, New Mexico

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

Lab Sample ID: 890-8039-A-1-F MS

Matrix: Solid

Analysis Batch: 109034

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108997

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08415		mg/Kg		84	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1815		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.1181		mg/Kg		118	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 890-8039-A-1-G MSD

Matrix: Solid

Analysis Batch: 109034

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108997

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09535		mg/Kg		95	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.07586		mg/Kg		76	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.08089		mg/Kg		81	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.1875		mg/Kg		94	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1026		mg/Kg		103	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-108955/1-A

Matrix: Solid

Analysis Batch: 109022

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108955

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/25 10:45	04/30/25 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/25 10:45	04/30/25 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/25 10:45	04/30/25 19:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130	04/29/25 10:45	04/30/25 19:47	1
o-Terphenyl (Surr)	124		70 - 130	04/29/25 10:45	04/30/25 19:47	1

Lab Sample ID: LCS 880-108955/2-A

Matrix: Solid

Analysis Batch: 109022

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108955

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1268		mg/Kg		127	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1095		mg/Kg		109	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COUNTY, New Mexico

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

Lab Sample ID: LCS 880-108955/2-A
Matrix: Solid
Analysis Batch: 109022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108955

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	19	S1-	70 - 130
o-Terphenyl (Surr)	13	S1-	70 - 130

Lab Sample ID: LCSD 880-108955/3-A
Matrix: Solid
Analysis Batch: 109022

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108955

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1261		mg/Kg		126	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1049		mg/Kg		105	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	19	S1-	70 - 130
o-Terphenyl (Surr)	13	S1-	70 - 130

Lab Sample ID: 890-8034-A-6-D MS
Matrix: Solid
Analysis Batch: 109022

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108955

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	887.1		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	504.4	F1	mg/Kg		50	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	65	S1-	70 - 130
o-Terphenyl (Surr)	58	S1-	70 - 130

Lab Sample ID: 890-8034-A-6-E MSD
Matrix: Solid
Analysis Batch: 109022

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108955

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	857.2		mg/Kg		86	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	487.3	F1	mg/Kg		49	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	62	S1-	70 - 130
o-Terphenyl (Surr)	55	S1-	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COUNTY, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108968/1-A

Matrix: Solid

Analysis Batch: 108979

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/29/25 17:32	1

Lab Sample ID: LCS 880-108968/2-A

Matrix: Solid

Analysis Batch: 108979

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-108968/3-A

Matrix: Solid

Analysis Batch: 108979

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	233.3		mg/Kg		93	90 - 110	7	20

Lab Sample ID: 880-57466-A-5-C MS

Matrix: Solid

Analysis Batch: 108979

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	152		250	424.1		mg/Kg		109	90 - 110

Lab Sample ID: 880-57466-A-5-D MSD

Matrix: Solid

Analysis Batch: 108979

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	152		250	405.8		mg/Kg		102	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COUNTY, New Mexico

GC VOA

Prep Batch: 108997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Total/NA	Solid	5035	
880-57465-2	Silvio Cervantes Topsoil Backfill	Total/NA	Solid	5035	
MB 880-108997/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108997/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108997/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8039-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-8039-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Total/NA	Solid	8021B	108997
880-57465-2	Silvio Cervantes Topsoil Backfill	Total/NA	Solid	8021B	108997
MB 880-108997/5-A	Method Blank	Total/NA	Solid	8021B	108997
LCS 880-108997/1-A	Lab Control Sample	Total/NA	Solid	8021B	108997
LCSD 880-108997/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108997
890-8039-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	108997
890-8039-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108997

Analysis Batch: 109113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Total/NA	Solid	Total BTEX	
880-57465-2	Silvio Cervantes Topsoil Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 108955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Total/NA	Solid	8015NM Prep	
880-57465-2	Silvio Cervantes Topsoil Backfill	Total/NA	Solid	8015NM Prep	
MB 880-108955/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108955/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108955/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8034-A-6-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8034-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 109022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Total/NA	Solid	8015B NM	108955
880-57465-2	Silvio Cervantes Topsoil Backfill	Total/NA	Solid	8015B NM	108955
MB 880-108955/1-A	Method Blank	Total/NA	Solid	8015B NM	108955
LCS 880-108955/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108955
LCSD 880-108955/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108955
890-8034-A-6-D MS	Matrix Spike	Total/NA	Solid	8015B NM	108955
890-8034-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108955

Analysis Batch: 109188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Total/NA	Solid	8015 NM	
880-57465-2	Silvio Cervantes Topsoil Backfill	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COunty, New Mexico

HPLC/IC

Leach Batch: 108968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Soluble	Solid	DI Leach	
880-57465-2	Silvio Cervantes Topsoil Backfill	Soluble	Solid	DI Leach	
MB 880-108968/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108968/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108968/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57466-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-57466-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 108979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57465-1	Silvio Cervantes Caliche Backfill	Soluble	Solid	300.0	108968
880-57465-2	Silvio Cervantes Topsoil Backfill	Soluble	Solid	300.0	108968
MB 880-108968/1-A	Method Blank	Soluble	Solid	300.0	108968
LCS 880-108968/2-A	Lab Control Sample	Soluble	Solid	300.0	108968
LCSD 880-108968/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108968
880-57466-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	108968
880-57466-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	108968

Lab Chronicle

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea County, New Mexico

Client Sample ID: Silvio Cervantes Caliche Backfill**Lab Sample ID: 880-57465-1****Date Collected: 04/25/25 00:00****Matrix: Solid****Date Received: 04/29/25 12:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108997	04/29/25 16:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109034	04/30/25 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109113	04/30/25 12:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			109188	05/01/25 01:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108955	04/29/25 10:45	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109022	05/01/25 01:56	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108968	04/29/25 13:20	SI	EET MID
Soluble	Analysis	300.0		1			108979	04/29/25 18:26	CH	EET MID

Client Sample ID: Silvio Cervantes Topsoil Backfill**Lab Sample ID: 880-57465-2****Date Collected: 04/25/25 00:00****Matrix: Solid****Date Received: 04/29/25 12:05**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108997	04/29/25 16:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109034	04/30/25 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109113	04/30/25 13:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			109188	05/01/25 02:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108955	04/29/25 10:45	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109022	05/01/25 02:17	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108968	04/29/25 13:20	SI	EET MID
Soluble	Analysis	300.0		1			108979	04/29/25 18:44	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COunty, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COunty, New Mexico

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

Protocol References:
ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

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

Sample Summary

Client: Carmona Resources
Project/Site: Floofy Cat Offsite PW Spill

Job ID: 880-57465-1
SDG: Lea COunty, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57465-1	Silvio Cervantes Caliche Backfill	Solid	04/25/25 00:00	04/29/25 12:05
880-57465-2	Silvio Cervantes Topsoil Backfill	Solid	04/25/25 00:00	04/29/25 12:05

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

880-57465 Chain of Custody

880-57465 Chain of Custody

Work Order Comments			
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐		
State of Project:			
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other:		

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/22/14 11:00		4/29/14 12:05

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57465-1
SDG Number: Lea County, New Mexico

Login Number: 57465
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/13/2025
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MF	Maljamar and Palomas fine sands, 0 to 3 percent slopes	1.4	100.0%
Totals for Area of Interest		1.4	100.0%

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Lea County, New Mexico

MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmqb

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Maljamar and similar soils: 46 percent

Palomas and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam

Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 7e

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Palomas

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water
(Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5
inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Wink

Percent of map unit: 5 percent
Ecological site: R070BD003NM - Loamy Sand

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,
New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

(28)

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sand love grass (<i>Eragrostis trichodes</i>)	1.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 482032

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429743979
Incident Name	NAPP2429743979 FLOOFY CAT OFFSITE PW SPILL @ 30-025-50042
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-50042] FLOOFY CAT 21 16 FED STATE COM #124H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FLOOFY CAT OFFSITE PW SPILL
Date Release Discovered	10/22/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 319 BBL Recovered: 0 BBL Lost: 319 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 482032

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 07/07/2025

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QUESTIONS, Page 3

Action 482032

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3790
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	04/08/2025
On what date will (or did) the final sampling or liner inspection occur	04/22/2025
On what date will (or was) the remediation complete(d)	05/05/2025
What is the estimated surface area (in square feet) that will be reclaimed	19400
What is the estimated volume (in cubic yards) that will be reclaimed	2769
What is the estimated surface area (in square feet) that will be remediated	21238
What is the estimated volume (in cubic yards) that will be remediated	2769
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 482032

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/07/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 482032

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 482032

QUESTIONS (continued)

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	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	453075
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2025
What was the (estimated) number of samples that were to be gathered	60
What was the sampling surface area in square feet	8378

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	21238
What was the total volume (cubic yards) remediated	2769
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	19400
What was the total volume (in cubic yards) reclaimed	2769
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 07/07/2025

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Action 482032

QUESTIONS (continued)

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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	21238
What was the total volume of replacement material (in cubic yards) for this site	2769
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	05/05/2025
Summarize any additional reclamation activities not included by answers (above)	Reclamation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/07/2025

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Action 482032

QUESTIONS (continued)

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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Action 482032

CONDITIONS

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	Action Number: 482032
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure and reclamation report approved. Variance toward lease road reclamation and re-vegetation is approved. Release resolved. Pending re-vegetation report.	8/6/2025