



COG (ConocoPhillips)

2026 Soil Remediation Summary Closure Request Report

**Graham Cracker 2 State 1H
Incident # nAPP2418559790
Eddy County, New Mexico**

June 2026

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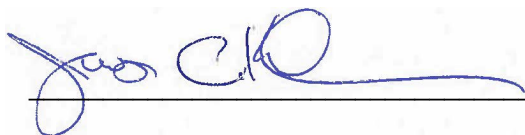
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1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this Work Plan, on behalf of Concho Operating, LLC (COG – now ConocoPhillips), for the release site known as the Graham Cracker 2 State 1H (Site) located at 32.058738, -104.077407. Details of the release are summarized in the New Mexico Oil Conservation Division (NMOCD) Initial C-141 Form included as **Appendix A**.

2 Project Summary

The Site is located on state land approximately 17-miles southwest of the City of Malaga in Unit F, Section 10, Township 26 South, Range 28 East, Eddy County, New Mexico. The release happened on the pad of the SRO SWD #104 where the flow lines run from the Graham Cracker 2 State 1 to a manifold on site. The site is located within a medium karst area. A Site Location Map is included as **Figure 1** and a Topographic Map as **Figure 2**.

2.1 Incident # nAPP2418559790

According to the Initial C-141 Form, on June 28, 2024, a flowline failed resulting in the release of approximately 53 barrels (bbls) of produced water to ground surface at the Site with 45 bbls recovered. The majority of the release impacted an area near the tin horn, around the produced water lines. The Initial C-141 Form was submitted to the NMOCD on September 17, 2024, and assigned Incident ID number nAPP2418559790. The Initial C-141 Form is included as **Appendix A**.

3 Site Characterization

3.1 Initial Site Characterization

Soil assessment activities were performed at the Site in March of 2025 by Arcadis to assess the horizontal and vertical extent of the release area.

After a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there are no known water sources within a 0.5-mile radius of the Site. Arcadis contracted Standard Safety to install an exploratory borehole to determine if depth to water (dtw) is greater than 100 feet below ground surface (bgs) as indicated by other water wells installed in the region. The exploratory boring was installed on August 31, 2023, by West Texas Water Well to a depth of 102 feet bgs. The soil cuttings at the bottom of the hole were a mixture of some silty sand with fine to medium grain sub rounded, sub angular, with some gypsum crystals. The cuttings were dry. No trace of moisture or groundwater was encountered during the drilling activities at 102 feet bgs, it was very hard, causing vibration. The borehole began to cave in, and casing was set at 86.19 feet bgs to leave borehole open for more than 72 hours. Arcadis gauged the boring again on September 5, 2023, and confirmed the hole remained dry. The borehole was plugged with bentonite grout following gauging activities. The groundwater determination boring location is depicted on **Figure 3** and the boring log is shown in **Appendix B**.

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: Between 1 and 5 miles

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- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark): Between 1 and 5 miles
- An occupied permanent residence, school, hospital, institution, or church: >5 miles
- A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes: Between 1/2 and 1 miles
- Any other fresh water well or spring: Between 1/2 and 1 miles
- Incorporated municipal boundaries or a defined municipal fresh water well field: > 5 miles
- A wetland: Between 1 and 5 miles
- A subsurface mine: > 5 miles
- A (non-karst) unstable area: > 5 miles
- Categorize the risk of this well/site being in Karst Geology: Medium
- A 100-year floodplain: Between 1/2 and 5 miles
- Did the release impact areas not on an exploration, development, production, or storage site? No

The site characterization data is presented in **Appendix B**.

3.2 Biologically Sensitive Area Applicability

A desktop review was conducted and found that the Site is located outside biologically sensitive areas. According to the U.S. Fish & Wildlife Information for Planning and Consulting (IPaC) database, the Site is located in the following protection areas: lesser prairie-chicken, northern aplomado falcon, and the monarch butterfly. There are no USFWS designated critical habitats surrounding the Site. The Site is not located near any BLM Carlsbad Field Office (CFO) planning areas for lesser prairie-chicken or any other BLM CFO mapped habitat for special status species, additionally, the Site is not located near any BLM CFO mapped special status plant species (SSPS) habitat. The Site is mapped as priority level 4 for both crucial habitat and species of concern by the New Mexico Crucial Habitat Assessment Tool (CHAT) and no species of concern under the Biota Information System of New Mexico (BISON-M) are likely to occur at the Site.

3.3 Cultural Resource Inventory

A cultural resource inventory (CRI) was not necessary per the New Mexico State Land Office (NMSLO) Cultural Properties Protection (CPP) Rule prior to any excavation activities as all work was performed on a previously disturbed well pad/historical pit location.

3.4 Soil Assessment Activities

On August 5, 2024, Carmona Resources performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points were advanced to depths ranging from the surface to four (4) feet bgs surrounding the release area to evaluate the horizontal and vertical extents of the release. Carmona Resources went back to the Site on October 7, 2025 to continue evaluating the vertical extents of the release. A total of three (3) boreholes were advanced to depths ranging from the surface to forty (40) feet bgs.

Arcadis used this data and field screening to guide proposed remediation activities prior to collecting any confirmation laboratory analytical samples. The initial proposed remediation/reclamation activities and site

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characterization for the impacted areas are detailed in the 2026 Work Plan submitted previously by Arcadis to the NMOCD (see **Appendix C**).

4 Closure Criteria for Soils Impacted by a Release

Per Table I of NMAC part 19.15.29.12, the following closure criteria apply to the Site for reclamation activities within the first 4 feet of soil:

Constituent	Limit (mg/kg)
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg
Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	100 mg/kg
Chloride	600 mg/kg

The NMOCD classifies the Site to use the medium most stringent regulatory limits due to depth to groundwater being confirmed greater than 51 feet and less than 100 feet bgs, and no additional conditions or stipulations are applicable to the Site. Since the release occurred prior to the Karst Potential Occurrence Press Release of December 1, 2024, a karst survey is not necessary for the means of remediating to Table 1 depth to groundwater standards in a medium karst zone. The NMOCD correspondence is shown in **Appendix D**. Per Table I of New Mexico Administrative Code (NMAC) part 19.15.29.12, the following closure criteria apply to the Site activities:

Constituent	Limit (mg/kg)
Chloride	10,000 mg/kg
Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	2,500 mg/kg
GRO and DRO	1,000 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg
Benzene	10 mg/kg

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5 Remediation Activities Summary

5.1 Soil Removal

Prior to any intrusive activities, an NM One Call notification and a private utility locate (ground penetrating radar) were conducted to clear the area and identify underground utilities.

Soil remediation activities were performed by Arcadis and McNabb Partners from April 10, 2026 through May 4, 2026. Photo-ionization detector (PID) readings, chloride field screening with Hach field test strip results, and laboratory analytical results from the pre-remediation assessment activities were evaluated prior to and during remediation activities to assess the lateral and vertical extent of soil impacted by the release. Lateral and vertical delineation of the impacted soil requiring removal was based on samples collected from the perimeter and bottom of the release area. Our initial area of concern expanded due to what was believed to be historical impact in place from the since removed SWD on site. Based on these results, it was determined that the release covered an approximately 12,800 square foot (sq ft) area in the pasture. Soil analytical results are discussed in **Sections 5.3, 5.4, and 5.5**.

At the release point, the northwest area of concern was excavated to a maximum depth of approximately 13 feet bgs in the pad area with an initial exceedance above the remediation standard. The majority of the remaining impact was excavated to a depth of approximately 4' bgs. Approximately 3,636 cubic yards of impacted soil were excavated from the release area. The limits of the excavation are presented in **Figure 3**. Excavated soil during remediation was stockpiled on-site, on a nearby pad adjacent to the release area on 20 millimeter (mil) thick plastic sheeting and covered with 20 mil plastic sheeting.

The stockpiled soil was disposed of offsite at the R360 Red Bluff Landfill facility located at 5053 US Hwy 285, in Orla, Texas as Class 2 non-hazardous material. McNabb Partners transported a total of 3,636 cubic yards of soil directly to the landfill on April 10, 2026 through May 14, 2026. Copies of disposal manifests can be provided upon request. Photographic documentation of the excavation activities is attached in the **Photographic Log**.

5.2 Excavation Confirmation Sampling Activities

Arcadis personnel conducted excavation confirmation soil sampling activities on April 17 through May 4, 2026, for laboratory analyses. A sampling notice (C-141N) was submitted 2 days prior for all sampling. Following excavation of the impacted area, confirmation soil samples were collected from the sidewalls and bottom of the excavation as needed to maintain an approximate 200 sq ft sample spacing in accordance with NMAC 19.15.29.12(D)(1)(b) for both the sidewalls and base of the excavated area. On April 14, 2026, backfill was delivered from the R360 Red Bluff facility, a 5-point composite sample was collected from the backfill material to confirm all constituents were below the NMOC reclamation limits for chloride, TPH, and BTEX. Sidewall confirmation sample locations are depicted in **Figure 3** and excavation base confirmation samples are depicted in **Figure 4**.

The soil confirmation soil samples were collected in 4-oz jars provided by Eurofins Xenco Analytical Laboratory (Eurofins) located in Midland, Texas, then placed on ice and shipped to Eurofins for analysis of chloride by United States Environmental Protection Agency (USEPA) Method 300; TPH by Method 8015 M for GRO, DRO, and ORO; and BTEX by USEPA Methods 8015/8021. Analytical results are shown in **Table 1**. Laboratory analytical reports are included in **Appendix D**.

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5.3 Chloride

All soil confirmation samples collected for chloride within the excavation from zero to four feet bgs were below the NMOCD reclamation limit of 600 mg/kg. All Samples collected below four feet bgs were below the NMOCD remediation limit of 10,000 mg/kg.

5.4 TPH

TPH concentrations were reported below the NMOCD reclamation limit of 100 mg/kg for GRO, DRO, and ORO in all soil confirmation samples from zero to four feet bgs. All samples collected below four feet bgs were below the NMOCD remediation limit of 2,500 mg/kg

5.5 BTEX

Benzene concentrations were reported below the NMAC standard of 10 mg/kg at all sample locations. BTEX concentrations were reported below the NMAC standard of 50 mg/kg at all soil confirmation samples.

6 Restoration, Reclamation, and Re-Vegetation Activities

The Reclamation Plan outlined in the NMOCD approved work plan will be completed once ROW permits are secured to from Western Midstream to include a thirty-foot buffer and access from the lease road south of White City Road to satisfy all NMSLO requirements.

Laboratory analytical results from the excavation confirmation soil samples confirmed impacted soil over the applicable restoration limits had been removed from the surrounding pad area, the excavated areas were backfilled with locally sourced, non-impacted "like" material placed at or near the original relative positions. On May 16, 2026, the affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable.

Following site remediation activities, the following planned reclamation activities will be implemented:

- The previously disturbed areas subject to reclamation reflect the final remediation footprint and access needed to the tin horn and access from the lease road south of White City Road for active produced water lines. The Reclamation area is shown in **Figure 5** including the West area on the pad. The green area reflects the expanded area due to historical impact encountered around the since removed SWD. All areas excavated were taken down to four feet bgs and will be cross ripped to a minimum of 18 inches with a furrow spacing of 2 feet and seeded based on the guidance below. A 2-foot buffer will be left around all active lines.
- Western Midstream requires a 30' buffer around the tin horn and lease road access to make any necessary repairs while the line is active. We will leave access from the southern lease road off White City Road, to the tinhorn with a 30' buffer, which is reflected in **Figure 5**.
- The ripped areas will be graded in advance of initial seedbed preparation. Disturbed areas will be restored as close as practicable to match the surrounding undisturbed areas.

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- Non-impacted portions of the pad will be ripped in conjunction with the remediated areas to ensure even and continued vegetative growth. The pad has topsoil material conducive of vegetative growth and will be seeded in conjunction with the areas remediated.
- Seeding will be conducted within two weeks following completion of final seedbed preparation.
- A certified weed-free seed mix designed by the NMSLO to meet reclamation standards will be utilized.
- Based on the soil type identified at the Site, the NMSLO Coarse Seed Mixture will be used for seeding and will be planted in the amount specified in the pounds of pure live seed (PSL) per acre specifications.
- The seed mixture will be spread with a broadcast spreader or by other applicable method. Following seed distribution, the area may be fertilized and watered if deemed necessary for successful revegetation.
- Reclamation activities will be documented with photographs in landscape view and will be timestamped with GPS data in decimal degrees.
- Erosion control measures will be assessed following reclamation activities and will include compacting and contouring the surface to prohibit erosion by surface water following precipitation events. All reclaimed areas will be assessed following completion of final site restoration grading activities to determine measures required to prevent future erosion within the watershed, to prevent damage to the reclaimed areas that would inhibit successful re-vegetation of the reclaimed areas, and to prevent sediments and potential contaminants from leaving the reclaimed areas.

Reclamation activities will not be conducted on any active existing utility pipeline rights-of-ways, meter runs, etc., and will be left in place to allow for future accessibility. Operators of any inactive utility or pipeline rights-of-ways will be notified for removal of their equipment or applicable structures.

The reclamation area and traffic control are presented in **Figure 5**.

7 Remediation Summary

Analytical results associated with recent remediation activities conducted in 2026 indicate that the horizontal and vertical extent of chloride, TPH, and BTEX impact in soil above NMAC screening standards for a site with depth the groundwater greater than 51 feet and less than 100 feet bgs have been remediated both horizontally and vertically and excavated from the impacted area. During remediation our total remediation area expanded due to potential historical impacts assumed to be associated with the historical SWD on site. The impacted area was significantly larger than the anticipated area shown in the NMOCD approved Work Plan in part due to chloride concentrations above the reclamation standard. All areas of concern above the NMOCD's medium, most stringent regulatory and reclamation limits shown in the Work Plan were removed and backfilled with the clean material and graded to match the original surface conditions and drainage. Approximately 12,800 square feet of the area of concern located within the pad area was reclaimed to original condition and will be re-seeded once the proper ROW permits are obtained.

8 Soil Closure Request

Remediation activities were conducted in accordance with the NMOCD standards outlined in Table I of NMAC part 19.15.29.12 utilizing 200 square foot composite areas for sidewall and base samples. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate

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concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria in each of the submitted soil samples for all remediated areas at the Site.

Based on laboratory analytical results and field activities conducted to date, no additional soil assessment, remediation, or reclamation activities are recommended at this time for TPH, BTEX, or chloride impacts in soil at the Site.

Arcadis requests closure be granted to the Graham Cracker 2 State 1H site for Incident ID number nAPP2418559790.

Tables



Table 1
2026 Soil Analytical Results
SRO SWD #104
Incident #NAB1627849311
COG (ConocoPhillips)

Sample ID	Date	Depth (ft)	Soil Status	BTEX Methods					TPH Methods				CI Method
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	Total BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
B-1-S-4'	4/17/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	16.7 J	<15.1	16.7 J	758
B-2-S-4'	4/17/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	1,510
B-3-S-4'	4/17/2026	4	In-Situ	<0.00138	<0.00198	<0.00108	<0.00226	<0.00226	<14.5	<15.1	<15.1	<15.1	7,390
B-4-S-4'	4/23/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	16.1 J	<15.3	<15.3	16.1 J	8,400
B-5-S-13'	4/29/2026	13	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.6	<15.2	<15.2	<15.2	668
B-6-S-4'	4/17/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	15.4 J	<15.2	<15.2	15.4 J	6,530
B-7-S-4'	4/17/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	14.8 J	<15.1	<15.1	<15.1	6,620
B-8-S-4'	4/17/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	14.8 J	36.5 J	<15.1	51.3	2,060 F1
B-9-S-4'	4/17/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.6	<15.2	18.5 J	18.5 J	1,710
B-10-S-4'	4/17/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.6	<15.2	<15.2	<15.2	5,500
B-11-S-4'	4/17/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	1,950
SW-1-S-0-4'	4/17/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	324
SW-2-S-0-4'	4/23/2026	4	In-Situ	<0.00139 F1	<0.00200 F1	<0.00109 F1	<0.00228 F1	<0.00228	16.1 J	<15.1	<15.1	16.1 J	458
B-12-S-4'	4/23/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	16.4 J	<15.2	<15.2	16.4 J	8,930
B-13-S-4'	4/23/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	14.6 J	<15.1	<15.1	<15.1	6,510
B-14-S-4'	4/23/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.6	<15.2	<15.2	<15.2	3,940
B-15-S-4'	4/23/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.5	<15.1	<15.1	<15.1	1,430
B-16-S-4'	4/23/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.6	<15.2	<15.2	<15.2	744
B-17-S-4'	4/23/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	14.9 J	<15.1	<15.1	<15.1	2,650
B-18-S-4'	4/23/2026	4	In-Situ	<0.00138	<0.00198	<0.00108	<0.00226	<0.00226	16.4 J	<15.2	<15.2	16.4 J	6,080
B-19-S-4'	4/23/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.6	<15.2	<15.2	<15.2	8,680
B-20-S-4'	4/23/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	15.0 J	<15.2	<15.2	<15.2	3,800
B-21-S-4'	4/23/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	14.6 J	<15.2	<15.2	<15.2	1,930
B-22-S-4'	4/23/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.6	<15.2	<15.2	<15.2	984
SW-3-S-0-4'	4/23/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	15.0 J	<15.1	<15.1	<15.1	536
SW-4-S-0-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.6	<15.2	41.1 J	41.1 J	262
SW-5-S-0-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.5	<15.1	37.3 J	37.3 J	91.5
SW-6-S-0-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	32.5 J	32.5 J	95.7
SW-7-S-0-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	27.9 J	27.9 J	292
B-23-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	28.5 J	28.5 J	1,290 F1
B-24-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.5	<15.1	24.7 J	24.7 J	323
B-25-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	24.1 J	24.1 J	1,780
B-26-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	26.5 J	26.5 J	4,520
B-27-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00198	<0.00108	<0.00226	<0.00226	<14.5	<15.1	18.0 J	18.0 J	1,170
B-28-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	15.2 J	15.2 J	591
B-29-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.5	29.3 J	<15.1	29.3 J	300
B-30-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	573
B-31-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.5	<15.1	<15.1	<15.1	1,440
B-32-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	2,360



Table 1
2026 Soil Analytical Results
SRO SWD #104
Incident #NAB1627849311
COG (ConocoPhillips)

Sample ID	Date	Depth (ft)	Soil Status	BTEX Methods					TPH Methods				Cl Method
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	Total BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
B-33-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	1,880
B-34-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.6	<15.2	<15.2	<15.2	1,790
B-35-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.6	<15.2	<15.2	<15.2	2,190
B-36-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	1,430
B-37-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.6	<15.2	<15.2	<15.2	1,530
B-38-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.5	<15.1	<15.1	<15.1	1,920
B-39-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	15.8 J	<15.1	15.8 J	1,530
B-40-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.6	<15.2	<15.2	<15.2	3,470
B-46-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	2,900
B-47-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	1,940
B-48-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	<15.1	<15.1	1,630
B-49-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.6	<15.2	<15.2	<15.2	1,900
B-50-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.6	<15.2	<15.2	<15.2	1,230
B-51-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	68.8
B-52-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.6	<15.2	<15.2	<15.2	925
B-53-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.6	<15.2	<15.2	<15.2	711
B-54-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.6	<15.2	<15.2	<15.2	711 F1
B-55-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	963
SW-12-S-0-13'	4/29/2026	13	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	<15.1	<15.1	492
SW-13-S-0-13'	4/29/2026	13	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.5	<15.1	<15.1	<15.1	640
B-41-S-4'	4/29/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	<15.1	1,790
B-42-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	1,580
B-43-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.5	<15.1	<15.1	<15.1	1,910
B-44-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00198	<0.00108	<0.00226	<0.00226	<14.5	<15.1	<15.1	<15.1	1,820
B-45-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	<15.1	<15.1	906
B-56-S-4'	4/29/2026	4	In-Situ	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.5 F1 F2	161 B F1	<15.1	161	717 F1
B-57-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00199	<0.00108	<0.00228	<0.00228	39.6 J	26.3 J B	<15.1	65.9	218
B-58-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	15.2 J	22.5 J B	<15.1	37.7 J	756
B-59-S-4'	4/29/2026	4	In-Situ	<0.00139	<0.00199	<0.00108	<0.00228	<0.00228	<14.5	26.6 J B	<15.1	26.6 J	199
B-60-S-4'	4/29/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	28.3 J B	<15.1	28.3 J	529
B-61-S-4'	5/4/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	0.00246 J	0.00246 J	<14.5	<15.1	18.0 J B	18.0 J	336
B-62-S-4'	5/4/2026	4	In-Situ	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.5	<15.1	20.7 J B	20.7 J	277
B-63-S-4'	5/4/2026	4	In-Situ	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	17.9 J B	17.9 J	563



Table 1
2026 Soil Analytical Results
SRO SWD #104
Incident #NAB1627849311
COG (ConocoPhillips)

Sample ID	Date	Depth (ft)	Soil Status	BTEX Methods					TPH Methods				Cl Method
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	Total BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
SW-11	Not Necessary due to exterior total square footage-No Sample Collected. SW-12&13 were collected prior to finishing the exterior, changing the total sample count.												
SW-10-S-0-4'	5/4/2026	4	In-Situ	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	<15.1	243
SW-8-S-0-4'	5/4/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.5	<15.1	<15.1	<15.1	588
SW-9-S-0-4'	5/4/2026	4	In-Situ	<0.00138	<0.00198	<0.00108	<0.00226	<0.00226	<14.5	<15.1	<15.1	<15.1	443
B-64-S-4'	5/4/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	<15.1	<15.1	96.1
Backfill	4/14/2026	4	In-Situ	<0.00139	<0.00200	<0.00109	<0.00228	<0.00229	25.9 J F1 F2	23.5 J B *1 F1 F2	<15.1	49.4 J	63.5 F1
NMOCD Reclamation Standard				10	--	--	--	50	--	--	--	100	600
NMOCD Closure Criteria				10	--	--	--	50	--	--	--	2,500	10,000

Legend:

Analytes exceeding NMAC standards are indicated in **Bold**

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F1: MS and/or MSD recovery exceeds control limits

F2: MS/MSD RPD exceeds control limits

Analytes exceeding NMAC Standards are indicated in **Bold**

'<' indicates the analyte was not detected at or above the Method Detection Limit (MDL)

mg/kg: Milligram per Kilogram

BTEX : Benzene, Toluene, Ethylbenzene, and Total Xylenes

NMAC : New Mexico Administration Code

TPH GRO: Total Petroleum Hydrocarbons Gasoline Range Organics

TPH DRO: Total Petroleum Hydrocarbon Diesel Range Organics

TPH ORO: Total Petroleum Hydrocarbons Oil Range Organics

" " " : Indicates one foot

B-Base sample

NV: No Value

SW : Sidewall sample

Notes:

1. Chloride analyzed by EPA Method 300

2. TPH analyzed by EPA Method 8015 M

3. BTEX analyzed by EPA Method 8260B

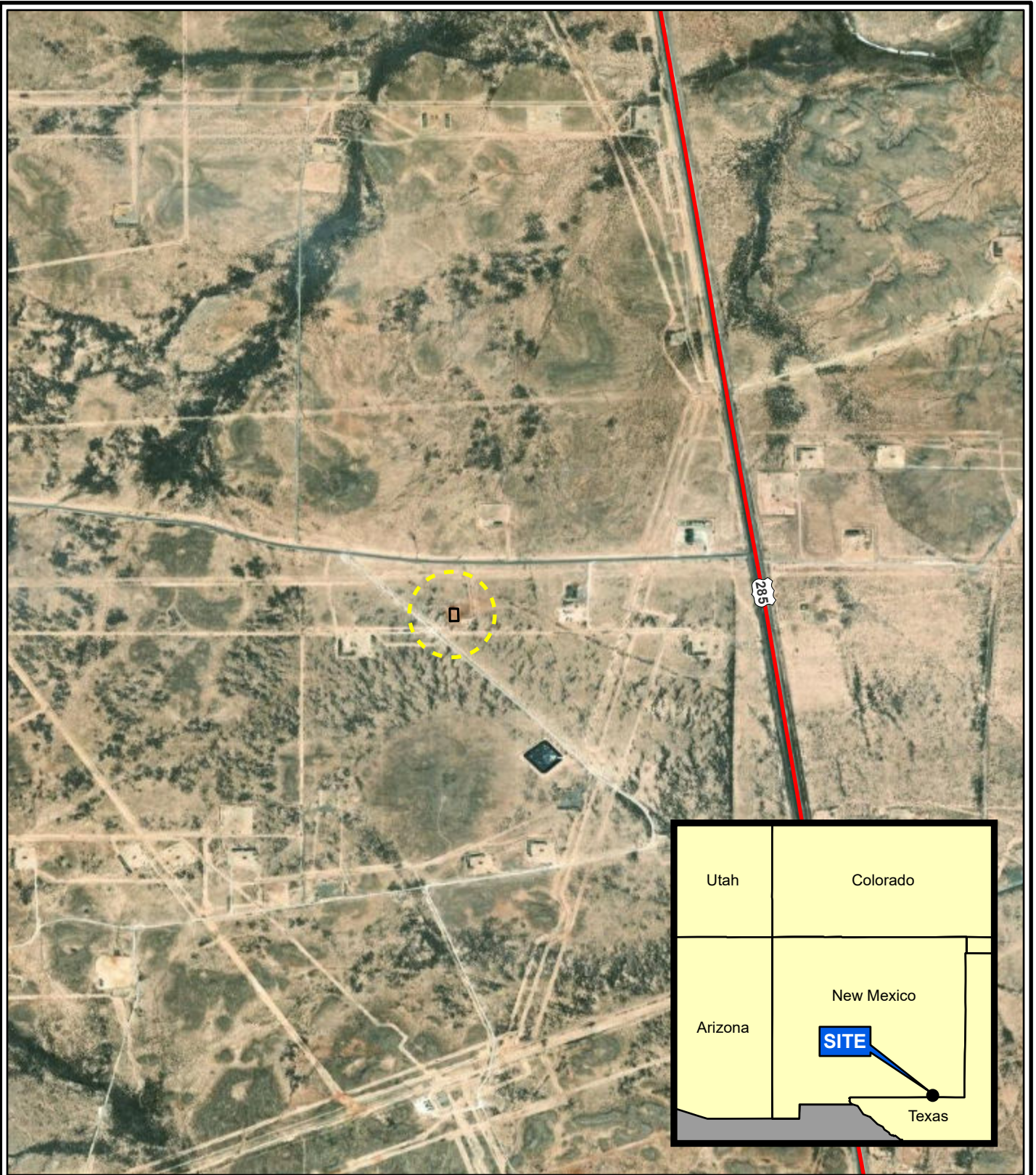
4. Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2)

NMOCD: New Mexico Oil Conservation Division

--: No individual standard

Figures

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)
T:\ENVU\Upstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 1/23/2026 4:03 PM



NOTES:
Datum: D_WGS_1984
Source: Bing Map
Site Location: 32.058738°, -104.077407°

0 2,000 4,000
Feet
GRAPHIC SCALE

Legend

— Site Location

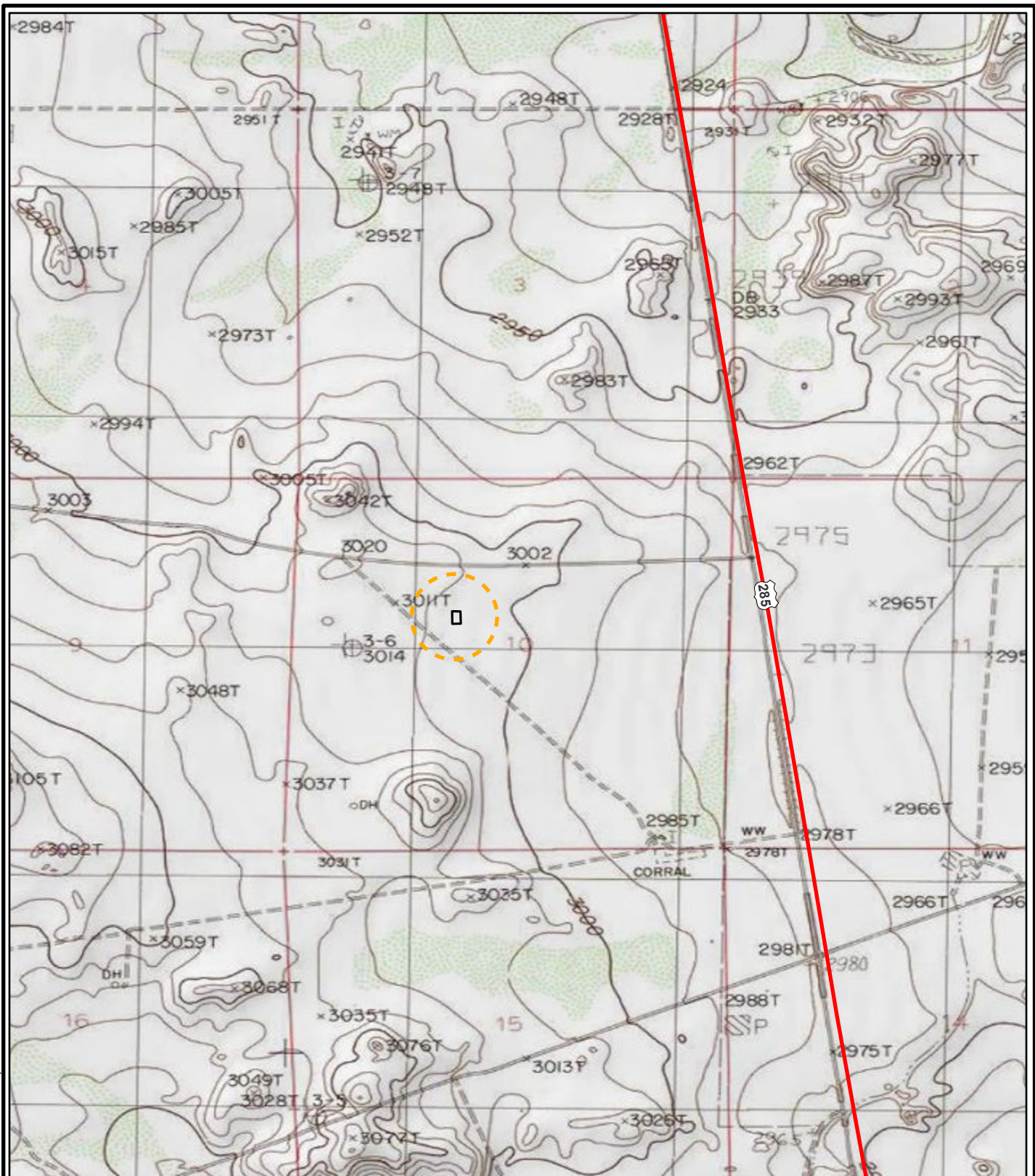
COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

SITE LOCATION MAP



FIGURE
1

City: Houston Div/Group: Remediation West - Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)
T:\ENVU\Upstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 1/23/2026 4:03 PM



ESRI: USGS Topo Service

Legend

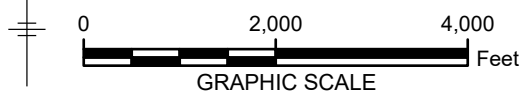
— Site Location

NOTES:

Datum: D_WGS_1984

Source: Bing Map

Site Location: 32.058738°, -104.077407°



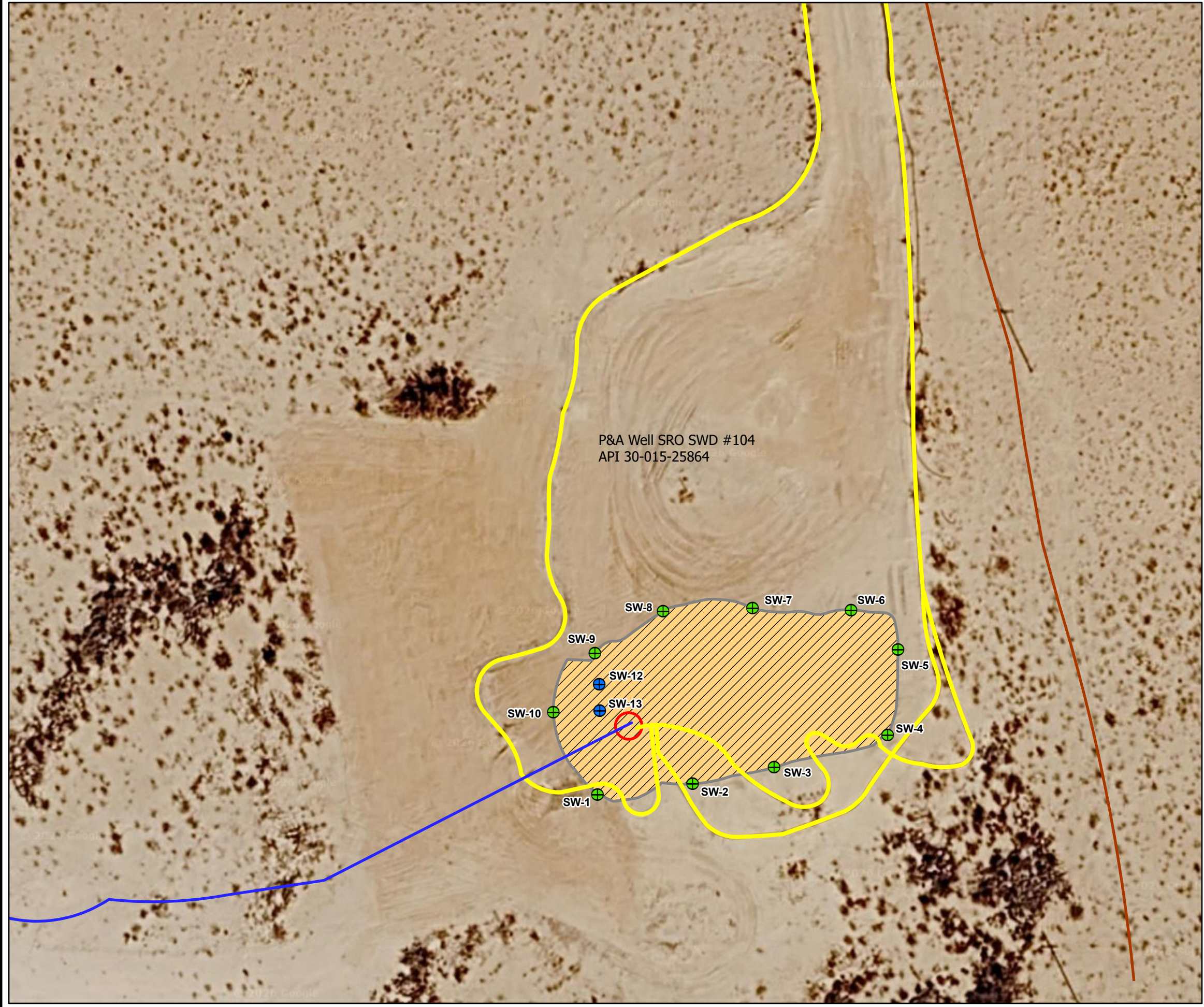
COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

TOPOGRAPHIC MAP



FIGURE
2

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: av00976 : Client (Project #)
T:_ENVUpstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 5/12/2026 2:21 PM

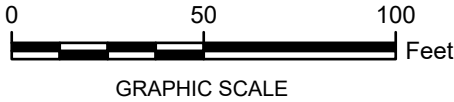


LEGEND:

- Sidewall Soil Sample Location**
- 0-4' Sample Depth
 - 0-13' Sample Depth
 - Excavated Area
 - COP Surface Production Line
 - WM Underground Water Line
 - Metal Containment
 - Overhead Powerline

NOTES:
WM = Western Midstream
COP = ConocoPhillips
' = Feet

Datum: D_WGS_1984
Source: ESRI Online, Google Earth
Site Location: 32.058738°, -104.077407°



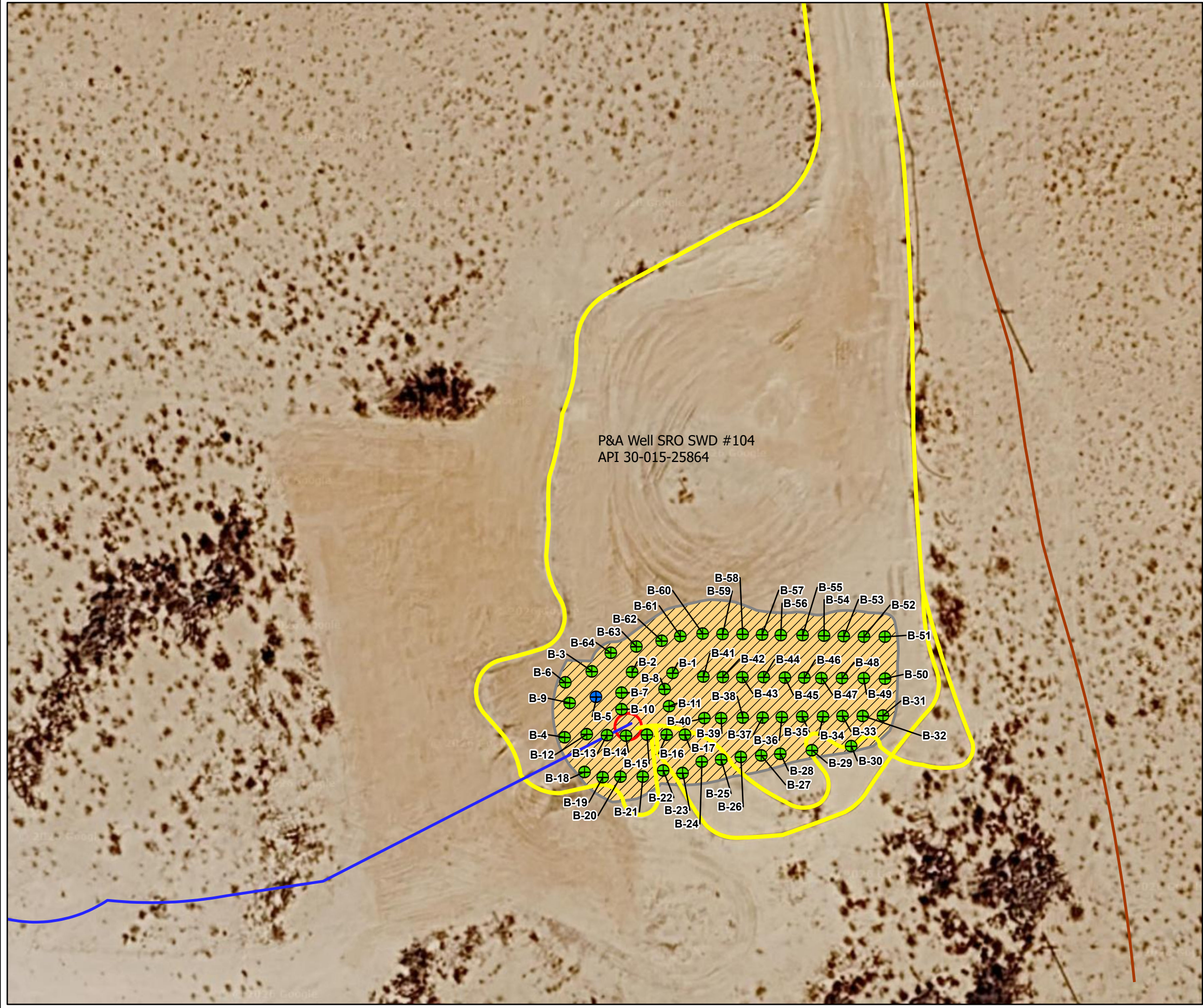
COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

EXCAVATION SIDEWALL
SOIL SAMPLE LOCATIONS

ARCADIS

FIGURE
3

City: Houston Div/Group: Remediation West - Air Group Created By: W Berry Last Saved By: av00976 : Client (Project #)
T:_ENVUpstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 5/12/2026 2:21 PM



LEGEND:

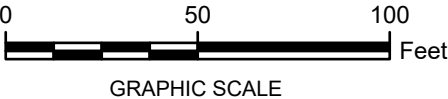
Base Soil Sample Location

- 4' Sample Depth
- 13' Sample Depth
- Excavated Area
- COP Surface Production Line
- WM Underground Water Line
- Metal Containment
- Overhead Powerline

NOTES:

WM = Western Midstream
COP = ConocoPhillips
' = Feet

Datum: D_WGS_1984
Source: ESRI Online, Google Earth
Site Location: 32.058738°, -104.077407°



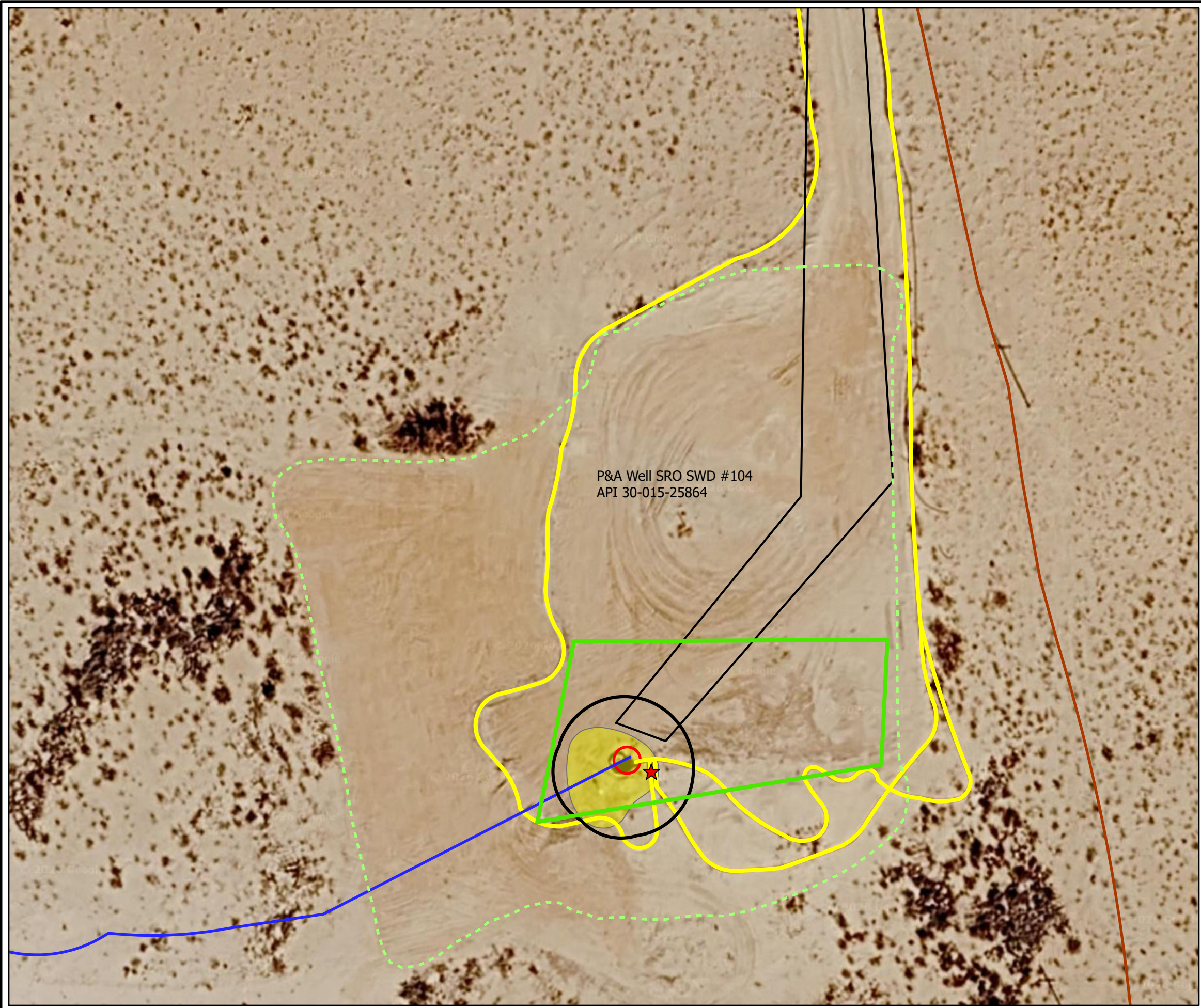
COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

EXCAVATION BASE
SOIL SAMPLING LOCATIONS



FIGURE
4

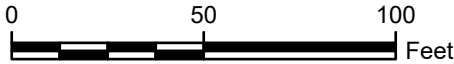
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T:\ENV\Upstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 5/8/2026 4:05 PM



Legend

- ★ Point of Release
- COP Surface Production Line
- Overhead Powerline
- WM Underground Water Line
- Metal Containment
- Area Of Concern
- 30' buffer, including lease road and active lines to access tin horn per Western Midstream
- Additional Area Remediated
- - - Proposed Reclamation Area
- WM = Western Midstream
- COP = ConocoPhillips

NOTE:
2' buffer around all active lines for Reclamation



GRAPHIC SCALE

Site Location: 32.058738°, -104.077407°

COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

PROPOSED RECLAMATION AREA SITE
MAP

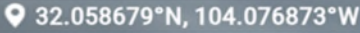


FIGURE
5

Photographic Logs

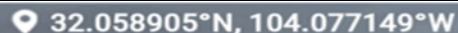


PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 1	Date: 5/05/2026		
Direction Photo Taken: N		 May 05, 2026 14:23 MDT Job#:Graham Cracker 2 State 1H Photo by Timemark © AHLURR4PH9L4M Timemark Verified	
Description: 4' Excavation, Eastern edge			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 2	Date: 5/05/2026		
Direction Photo Taken: E		 May 05, 2026 14:24 MDT Job#:Graham Cracker 2 State 1H	
Description: 4' Excavation Western edge. Surface lines moved south			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 3	Date: 5/05/2026		
Direction Photo Taken: NE			
Description: 4' Excavation, Southern edge			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 4	Date: 4/30/2026		
Direction Photo Taken: SE			
Description: 13' Excavation NW of Tin Horn			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 5	Date: 5/05/2026		
Direction Photo Taken: NW			
Description: Western edge near Tin horn			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 6	Date: 5/14/2026		
Direction Photo Taken: SW			
Description: Backfill northern edge			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 7	Date: 5/14/2026		
Direction Photo Taken: E			
Description: Backfill western edge			

Graham Cracker 2 State 1H

May 14, 2026 3:20:51 PM
 60 White's Malaga Eddy County New Mexico
 32°4'N 104°5'W



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. nAPP2418559790
Photo No. 8	Date: 5/14/2026		
Direction Photo Taken: W			
Description: Backfill eastern edge			

Graham Cracker 2 State 1H

May 14, 2026 3:22:25 PM
 60 Whites City Road Carlsbad Eddy County New Mexico
 32°4'N 104°5'W

Appendix A

Initial C-141 Form Incident # nAPP2418559790



OGD Permitting

Submission ID:	384197	Districts:	Artesia
Operator:	[229137] COG OPERATING LLC	Counties:	Eddy
Description:	COG OPERATING LLC [229137] , Graham Cracker 2 State 1H , nAPP2418559790		
Status:	Approved		
Status Date:	09/17/2024		
References (0):			

Forms

Attachments: [Volume Calculation](#)

Questions

Prerequisites

Incident ID (n#)	nAPP2418559790
Incident Name	NAPP2418559790 GRAHAM CRACKER 2 STATE 1H @ F-10-26S-28E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Appendix B

Site Characterization Data

Legend

Hydrology

NMED Drinking Water Systems

▲

OSE Streams

—

OSE Probable Playas

■

OSW Water Bodys

■

OCD Districts

OCD District Offices

★

OCD Districts

□

Public Land Survey System (PLSS)

PLSS Townships

□

PLSS First Division

□

+

-

▼

32.059137, -104.077356

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Show search results for 32.059...

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25S 27E

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07

08

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08

09

26S 27E

3054 ft

Whites City Rd

3052 ft

Whites City Rd

26S 28E

3082 ft

Pipeline Rd

2976 ft

14

13

18

17

16

15

14

13

18

17

16

24

19

20

21

22

23

24

19

20

21

Owl Draw

1km

0.6mi

-104.10792 32.08725 Degrees

Search result

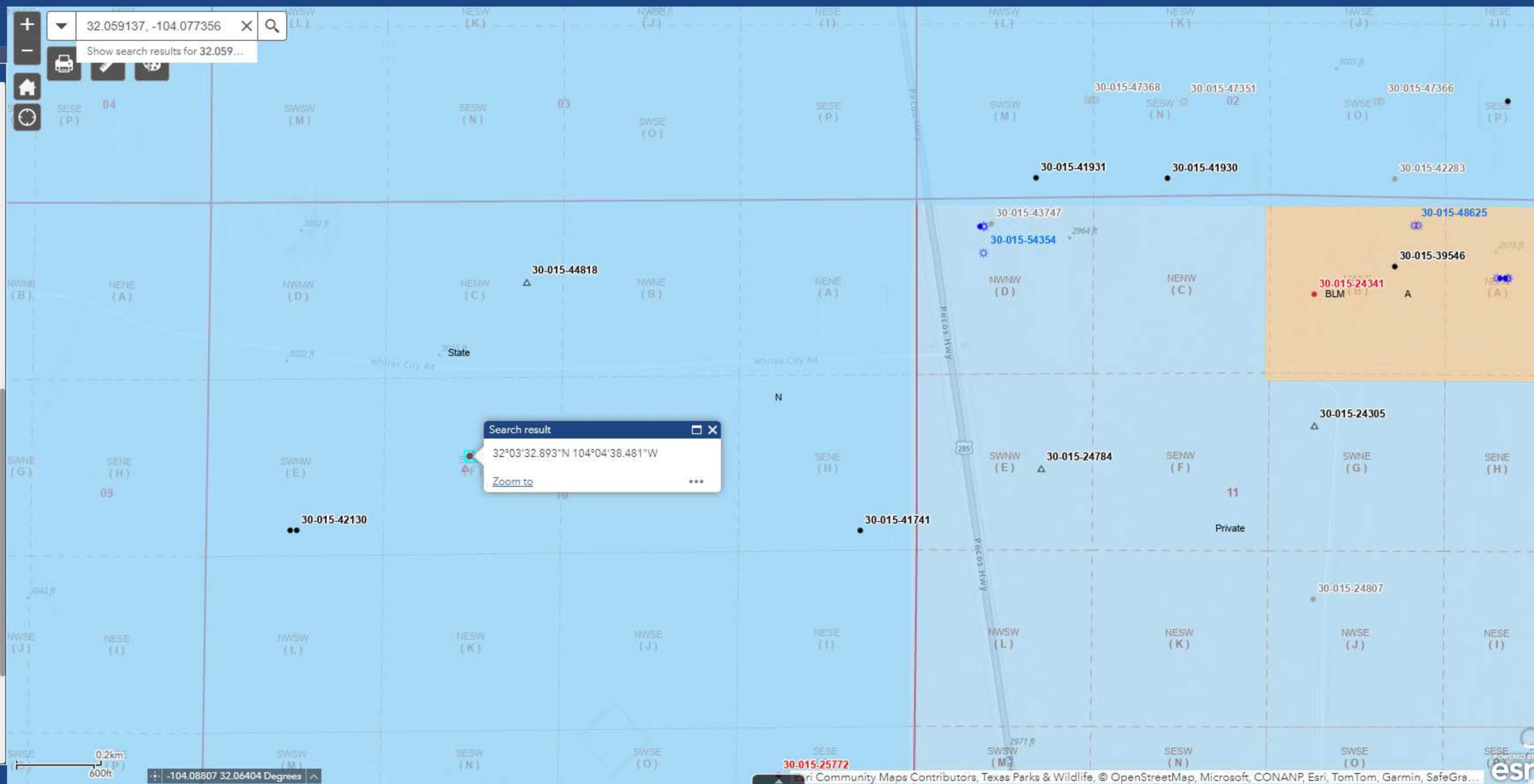
32°03'32.893"N 104°04'38.481"W

Zoom to

...

Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, ME...

esri



32.059137,-104.077356 X Q

Show search results for 32.059137,-1...

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Home

Refresh

Search result

32°03'32.893"N 104°04'38.481"W

[Zoom to](#)

...

Eddy County
350120

35015C1850D
eff. 6/4/2010

Legend

Effective FIRM Panels

GeoIndex

- No Digital Data Available
- Digital Data Available
- Unmapped

NFHL

LOMRs

- Effective

Political Jurisdictions

-

Profile Baselines

-

Levees

-

Coastal Transects

-

Transect Baselines

-

Limit of Moderate Wave Action

-

Flood Hazard Boundaries

- Limit Lines
- SFHA / Flood Zone Boundary
- Flowage Easement Boundary

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee

Primary Frontal Dunes

-

Appendix C

Work Plan



COG (ConocoPhillips)

2026 Work Plan

Graham Cracker 2 State 1H

Incident # nAPP2418559790

Eddy County, New Mexico

March 2026

2026 Work Plan

2026 Work Plan

**Graham Cracker 2 State 1H
Incident # nAPP2418559790
Eddy County, New Mexico**

March 2026

Prepared By:

Arcadis U.S., Inc.
1330 Post Oak Blvd., Suite 2250
Houston
Texas 77056
Phone: 713 953 4800

Prepared For:

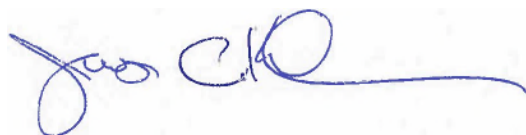
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2026 Work Plan

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2026 Work Plan

1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this Work Plan, on behalf of Concho Operating, LLC (COG – now ConocoPhillips), for the release site known as the Graham Cracker 2 State 1H (Site) located at 32.058738, -104.077407. Details of the release are summarized in the New Mexico Oil Conservation Division (NMOCD) Initial C-141 Form included as **Appendix A**.

2 Project Summary

The Site is located on state land approximately 17-miles southwest of the City of Malaga in Unit F, Section 10, Township 26 South, Range 28 East, Eddy County, New Mexico. The release happened on the pad of the SRO SWD #104 where the flow lines run from the Graham Cracker 2 State 1 to a manifold on site. The site is located within a medium karst area. A Site Location Map is included as **Figure 1** and a Topographic Map as **Figure 2**.

2.1 Incident # nAPP2418559790

According to the Initial C-141 Form, on June 28, 2024 a flowline failed resulting in the release of approximately 53 barrels (bbls) of produced water to ground surface at the Site with 45 bbls recovered. The majority of the release impacted an area near the tin horn, around the produced water lines. The Initial C-141 Form was submitted to the NMOCD on September 17, 2024 and assigned Incident ID number nAPP2418559790. The Initial C-141 Form is included as **Appendix A**.

3 Site Characterization

After a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there are no known water sources within a 0.5-mile radius of the Site. Arcadis contracted Standard Safety to install an exploratory borehole to determine if depth to water (dtw) is greater than 100 feet below ground surface (bgs) as indicated by other water wells installed in the region. The exploratory boring was installed on August 31, 2023, by West Texas Water Well to a depth of 102 feet bgs. The soil cuttings at the bottom of the hole were a mixture of some silty sand with fine to medium grain sub rounded, sub angular, with some gypsum crystals. The cuttings were dry. No trace of moisture or groundwater was encountered during the drilling activities at 102 feet bgs, it was very hard, causing vibration. The borehole began to cave in, and casing was set at 86.19 feet bgs to leave borehole open for more than 72 hours. Arcadis gauged the boring again on September 5, 2023, and confirmed the hole remained dry. The borehole was plugged with bentonite grout following gauging activities. The groundwater determination boring location is depicted on **Figure 3** and the boring log is shown in **Appendix B**.

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: Between 1 and 5 miles
- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark): Between 1 and 5 miles
- An occupied permanent residence, school, hospital, institution, or church: >5 miles
- A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes: Between 1/2 and 1 miles

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- Any other fresh water well or spring: Between 1/2 and 1 miles
- Incorporated municipal boundaries or a defined municipal fresh water well field: > 5 miles
- A wetland: Between 1 and 5 miles
- A subsurface mine: > 5 miles
- A (non-karst) unstable area: > 5 miles
- Categorize the risk of this well/site being in Karst Geology: Medium
- A 100-year floodplain: Between 1/2 and 5 miles
- Did the release impact areas not on an exploration, development, production, or storage site? No

The site characterization data is presented in **Appendix C**.

3.1 Biologically Sensitive Area Applicability

A desktop review was conducted and found that the Site is located outside biologically sensitive areas. According to the U.S. Fish & Wildlife Information for Planning and Consulting (IPaC) database, the Site is located in the following protection areas: lesser prairie-chicken, northern aplomado falcon, and the monarch butterfly. There are no USFWS designated critical habitats surrounding the Site. The Site is not located near any BLM Carlsbad Field Office (CFO) planning areas for lesser prairie-chicken or any other BLM CFO mapped habitat for special status species, additionally, the Site is not located near any BLM CFO mapped special status plant species (SSPS) habitat. The Site is mapped as priority level 4 for both crucial habitat and species of concern by the New Mexico Crucial Habitat Assessment Tool (CHAT) and no species of concern under the Biota Information System of New Mexico (BISON-M) are likely to occur at the Site.

3.2 Cultural Resource Inventory

A cultural resource inventory (CRI) will not be necessary per the New Mexico State Land Office (NMSLO) Cultural Properties Protection (CPP) Rule prior to any excavation activities as all proposed work is on a previously disturbed well pad/historical pit location. If it is determined that additional remediation activities will be required on undisturbed areas at the Site, a 2023 CRI will be utilized and submitted to the NMSLO following completion of the survey and prior to remediation activities within any previously undisturbed areas. The CRI cover page is shown in **Appendix D**.

4 NMAC Regulatory Criteria

Per Table I of NMAC part 19.15.29.12, the following closure criteria apply to the Site for reclamation activities within the first 4 feet of soil:

Constituent	Limit (mg/kg)
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg

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Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	100 mg/kg
Chloride	600 mg/kg

The NMOCD classifies the Site to use the least stringent regulatory limits due to depth to groundwater being confirmed greater than 100 feet bgs, , and no additional conditions or stipulations are applicable to the Site. Since the release occurred prior to the Karst Potential Occurrence Press Release of December 1, 2024, a karst survey is not necessary for the means of remediating to Table 1 depth to groundwater standards in a medium karst zone. The NMOCD correspondence is shown in **Appendix E**. Per Table I of New Mexico Administrative Code (NMAC) part 19.15.29.12, the following closure criteria apply to the Site:

Constituent	Limit (mg/kg)
Chloride	20,000 mg/kg
Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	2,500 mg/kg
GRO and DRO	1,000 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg
Benzene	10 mg/kg

5 Site Assessment Activities

On August 5, 2024, Carmona Resources performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points were advanced to depths ranging from the surface to four (4) feet bgs surrounding the release area to evaluate the horizontal and vertical extents of the release. Carmona Resources went back to the Site on October 7, 2025 to continue evaluating the vertical extents of the release. A total of three (3) boreholes were advanced to depths ranging from the surface to forty (40) feet bgs. Soil sample locations are shown on **Figure 4**. Soil samples were collected for chemical analyses, 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 TPH by United States Environmental Protection Agency (EPA) Method 8015; modified BTEX by EPA Method 8021B, and chloride by EPA method 300.0.

Vertical and horizontal delineation was achieved during the soil assessment to determine the potential area of concern. Arcadis will use this data and field screening to guide remediation activities prior to collecting any laboratory analytical samples. Soil sample analytical results are summarized in **Table 1**. Laboratory reports for soil samples collected during the initial site assessment, including analytical methods, results, and chain-of-custody documents, are attached in **Appendix F**.

2026 Work Plan

6 Proposed Work Plan

Based on analytical data and the detected TPH and chloride concentrations in soil samples collected during site assessment activities, COG proposes to remediate the areas shown in **Figure 4** and highlighted in **Table 1**.

In accordance with NMAC 19.15.29.12(D)(1)(b) five-point composite confirmation soil samples will be collected from the excavation floor and sidewalls at 200 square foot intervals for analysis of chloride by EPA Method 300.0, BTEX by EPA Method 8260, and TPH for GRO, DRO, and ORO by EPA Method 8015. Lateral limits of the excavation will halt once confirmation sample analytical results are in accordance with NMAC 19.15.29.12(D)(1)(c). The proposed excavation encompasses a surface area of approximately 2,000 square feet.

An estimated 296 cubic yards of soil will be removed and transported to the nearest NMOCD approved disposal facility. Following completion of excavation activities, the areas will be backfilled with clean material and reclaimed to match the original surface conditions and drainage. Prior to reclamation, a five-point composite sample of the backfill will be collected for analysis of chloride by EPA Method 300.0, BTEX by EPA Method 8260, and TPH for GRO, DRO, and ORO by EPA Method 8015.

The off pad disturbed areas (former reserve pit area) will be reseeded during the first favorable growing season following closure of the site in accordance with NMAC part 19.15.29.13 with an NMSLO approved seed mixture based on the following soil types: Reagan loam (31.4 %) - Alluvium and/or eolian deposits and Upton gravelly loam (68.6 %) - Residuum weathered from limestone at the site. These soils are well drained.

The proposed remediation activities will be implemented within 90 days following approval of this work plan by the NMSLO and NMOCD. The anticipated schedule is approximately 30 days to initiate field work and confirm sub-contractors, approximately 30 days to complete on-site remediation activities, and approximately 30 days to prepare a soil remediation summary and closure request report.

7 Work Plan Approval Request

Upon completion of the above proposed soil remediation activities, a final closure request report describing the remediation activities will be submitted to the NMOCD and NMSLO for review. If you have any questions regarding this work plan or need additional information, please do not hesitate to contact Justin Nixon at 432-296-9547 or James Kirschner at 602-549-8845.

Tables

Table 1
2024-2025 Soil Sample Analytical Results
Graham Cracker 2 State 1H
COG (ConocoPhillips)



Sample ID	Date	BTEX Methods				TPH Methods				CI Method
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
BH-1 (0-1')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	329
BH-1 (2-3')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	5600
BH-1 (4-5')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	13200
BH-1 (6-7')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	12800
BH-1 (8-9')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	439
BH-1 (10-11')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	9570
BH-1 (12-13')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	11000
BH-1 (14-15')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	9200
BH-1 (16-17')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	8970
BH-1 (18-19')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	8510
BH-1 (20')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	8050
BH-1 (25')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	2560
BH-1 (30')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	2320
BH-1 (35')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	559
BH-1 (40')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	110
BH-2 (0-1')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	12700
BH-2 (2-3')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	7790
BH-2 (4-5')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	1120	<50.0	1120	6850
BH-2 (6-7')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	5340
BH-2 (8-9')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	4390
BH-2 (10-11')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	3300
BH-2 (12-13')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	3470
BH-2 (14-15')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	2470
BH-2 (16-17')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	1460
BH-2 (18-19')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	523
BH-2 (20')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	799
BH-2 (25')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	687
BH-2 (30')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	766
BH-2 (35')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	1230
BH-2 (40')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	132
BH-3 (0-1')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	301
BH-3 (2-3')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	222
BH-3 (4-5')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	235
BH-3 (6-7')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	1800
BH-3 (8-9')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	1300
BH-3 (10-11')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	295
BH-3 (12-13')	10/7/2025	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	212
BH-3 (14-15')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	212
BH-3 (16-17')	10/7/2025	<0.00202	<0.00202	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	262
BH-3 (18-19')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	289
BH-3 (20')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	274
BH-3 (25')	10/7/2025	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	337
BH-3 (30')	10/7/2025	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	124
S-1 (0-1')	8/5/2024	<0.00202	<0.00202	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	6150
S-1 (1.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	4230
S-2 (0-1')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	24400
S-2 (1.5')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	8560
S-2 (2')	8/5/2024	<0.00202	<0.00202	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	1850
S-2 (3')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	1470
S-3 (0-1')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	3350
S-3 (1.5')	8/5/2024	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	4660
S-3 (2')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	8290
S-4 (0-1')	8/5/2024	<0.00202	<0.00202	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	8430
S-4 (1.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	553
S-4 (2')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.7	<49.7	<49.7	<49.7	863
S-4 (3')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	1040
S-4 (4')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	711
HA-1 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	464
HA-2 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.7	<49.7	<49.7	<49.7	217



Table 1
2024-2025 Soil Sample Analytical Results
Graham Cracker 2 State 1H
COG (ConocoPhillips)

Sample ID	Date	BTEX Methods				TPH Methods				Cl Method
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes, Total (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C36 (mg/kg)	Total TPH (mg/kg)	Chloride, Dissolved (mg/kg)
HA-3 (0-0.5')	8/5/2024	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	188
HA-4 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	22.2
HA-5 (0-0.5')	8/5/2024	<0.00200	<0.00200	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	7.12
MOCD Reclamation Standard		10	--	--	--	--	--	--	100	600
NMOCD Closure Criteria		10	--	--	--	--	--	--	1,000	20,000

Legend:

Analytes exceeding NMAC Reclamation Standards are indicated in **bold**

'<' indicates the analyte was not detected at or above the Method Detection Limit (MDL)

mg/kg: Milligram per Kilogram

BTEX : Benzene, Toluene, Ethylbenzene, and Total Xylenes

NMAC : New Mexico Administration Code

TPH GRO: Total Petroleum Hydrocarbons Gasoline Range Organics

TPH DRO: Total Petroleum Hydrocarbon Diesel Range Organics

TPH ORO: Total Petroleum Hydrocarbons Oil Range Organics

" ' " : Indicates one foot

" : Indicated inches

HA: Hand Auger Horizontal Soil Samples

BH: Borehole Soil Samples

S : Soil Samples

Notes:

1. Chloride analyzed by EPA Method 300

2. TPH analyzed by EPA Method 8015 M

3. BTEX analyzed by EPA Method 8260B

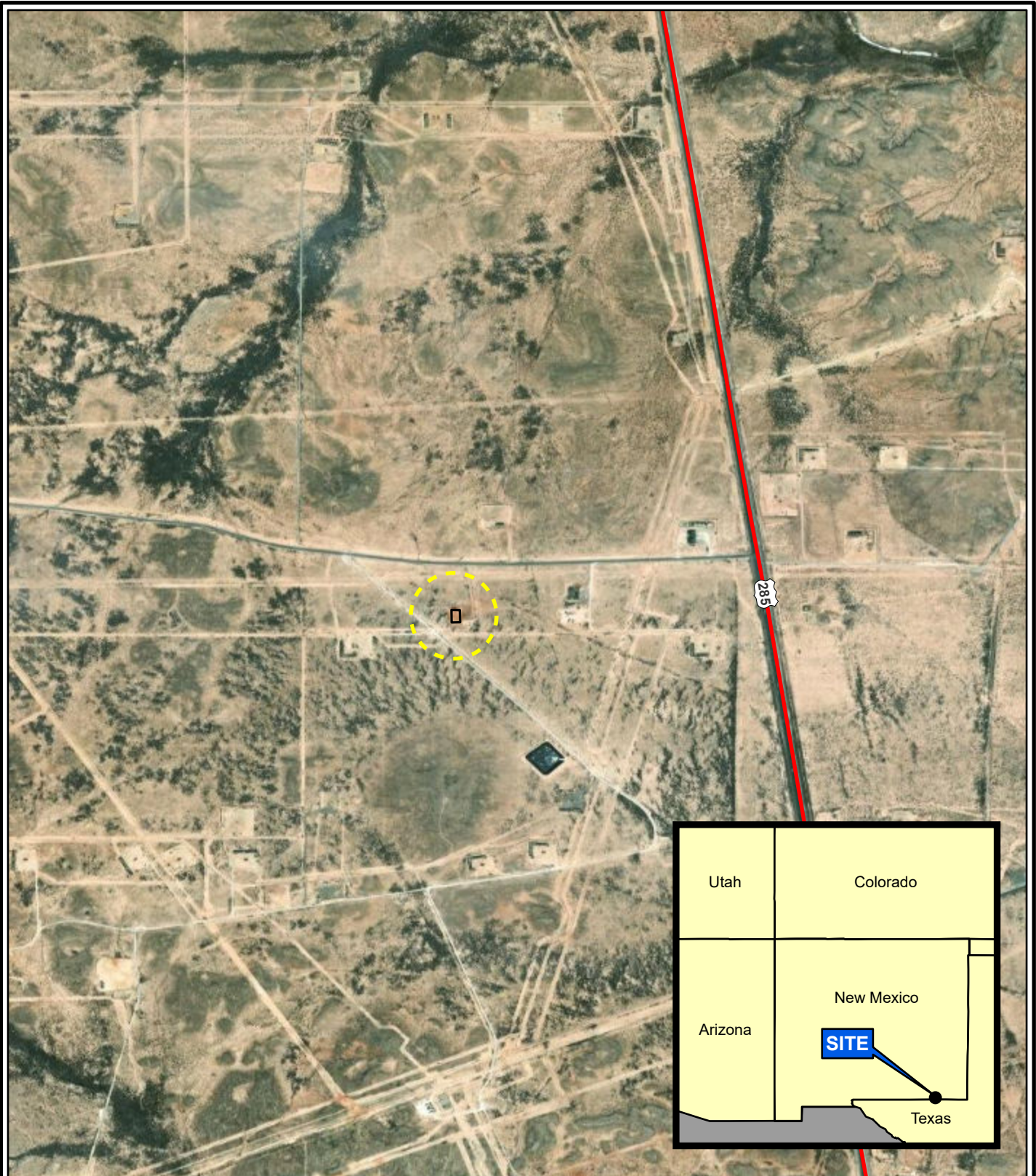
4. Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2)

NMOCD: New Mexico Oil Conservation Division

--: No individual standard

Figures

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)
T:\ENVU\Upstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 1/23/2026 4:03 PM



NOTES:
Datum: D_WGS_1984
Source: Bing Map
Site Location: 32.058738°, -104.077407°

0 2,000 4,000
Feet
GRAPHIC SCALE

Legend

— Site Location

COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

SITE LOCATION MAP



FIGURE
1

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)
 T:\ENVU\Upstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 1/23/2026 4:03 PM



ESRI: USGS Topo Service

Legend

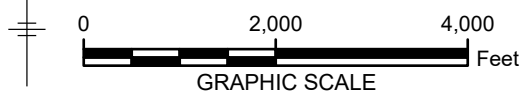
— Site Location

NOTES:

Datum: D_WGS_1984

Source: Bing Map

Site Location: 32.058738°, -104.077407°



COG (CONOCOPHILLIPS)
 GRAHAM CRACKER 2 STATE 1H
 EDDY COUNTY, NEW MEXICO

TOPOGRAPHIC MAP

ARCADIS

FIGURE
2



Legend



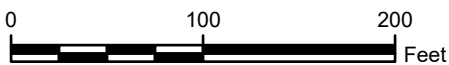
GWDB (Groundwater
Determination Boring)
102 ft bgs

NOTES:

Datum: D_WGS_1984

Source: Bing Map

Site Location: 32.058738°, -104.077407°



GRAPHIC SCALE

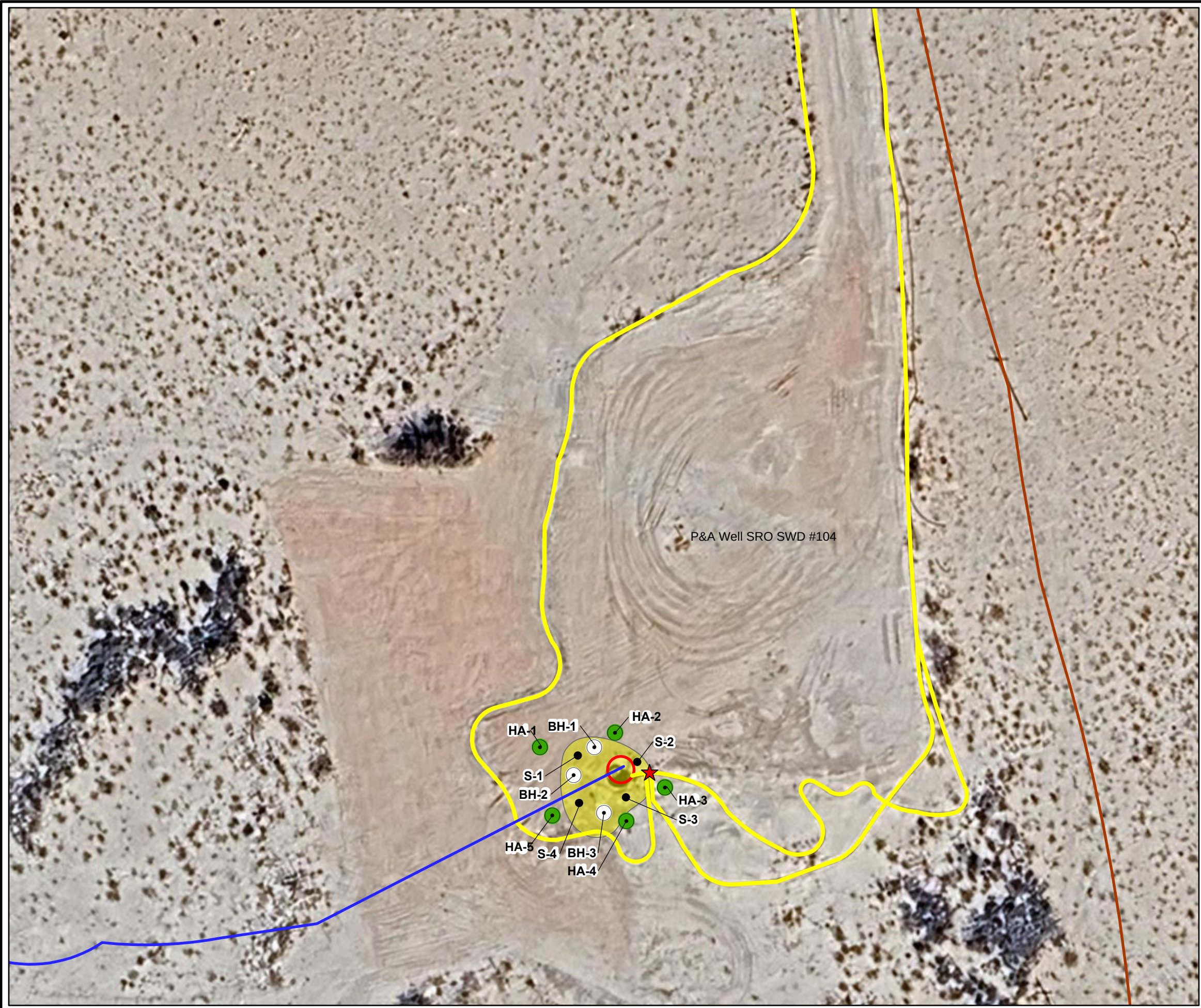
COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

DEPTH TO GROUNDWATER MAP



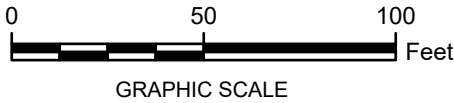
FIGURE
3

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 ; Client (Project #)
T:\ENVU\Upstream\SRO_SWD_104\Graham Cracker 2 State 1H.aprx 1/29/2026 3:07 PM



Legend

- Borehole Sample Locations
- Horizontal Sample Locations
- Soil Sample Locations
- Point of Release
- Surface Production Line
- Overhead Powerline
- Underground Water Line
- Metal Containment
- Area Of Concern



NOTES:
Site Location: 32.058738°, -104.077407°

COG (CONOCOPHILLIPS)
GRAHAM CRACKER 2 STATE 1H
EDDY COUNTY, NEW MEXICO

PROPOSED EXCAVATION AND
SAMPLE LOCATION MAP

| FIGURE
4

Photographic Logs



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. NAPP2418559790
Photo No. 1	Date: 08/05/2024		
Direction Photo Taken: Facing SW			
Description: BH-1 area			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. NAPP2418559790
Photo No. 2	Date: 08/05/2024		
Direction Photo Taken: SW		SW W NW N 240 270 300 330 0 30 ☼ 308°NW (T) LAT: 32.058700 LON: -104.077154 ±13ft ▲ 3013ft	
Description: At release			



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. NAPP2418559790
Photo No. 3	Date: 08/05/2024		
Direction Photo Taken: East			
Description: 10' SW of release		☼ 99°E (T) LAT: 32.058697 LON: -104.077190 ±13ft ▲ 3010ft	



PHOTOGRAPHIC LOG

Property Name: Graham Cracker 2 State 1H		Location: Eddy County, NM	Case No. NAPP2418559790
Photo No. 4	Date: 08/05/2024		
Direction Photo Taken: NE			
Description: At release		☼ 99°E (T) LAT: 32.058695 LON: -104.077181 ±13ft ▲ 3011ft	



PHOTOGRAPHIC LOG

Property Name:

Graham Cracker 2 State 1H

Location:

Eddy County, NM

Case No.

NAPP2418559790

Photo No.

5

Date:

08/05/2024

Direction Photo Taken:

South

Description:

Just south of H-2



Appendix A

Initial C-141 Form Incident # nAPP2418559790

nAPP2418559790 Graham Cracker 2 State 1H

General Incident Information

Well:

Facility:

Operator: [\[229137\]](#) COG OPERATING LLC

Status: Active

Stage: Initial C-141 Approved, Pending submission of Site Characterization / Remediation Plan OR Remediation

Closure Report from the operator

Type: Produced Water Release

Severity:

Incident Location: M-02-26S-28E 0 FNL 0 FEL

Lat/Long: 32.066000001,-104.052000001 NAD83

District: Artesia

Surface Owner: State

County: Eddy (15)

Severity Indicators

Resulted In Fire:

Endangered Public Health:

Fresh Water Contamination:

Resulted In Injury:

Will or Has Reached Watercourse:

Property Or Environmental Damage:

Notes

Source of Referral: Industry Rep

Action / Escalation:

Contact Details

Contact Name:

Contact Title:

Event Dates

Date of Discovery: 06/28/2024

Initial C-141 Report Due: 7/15/2024

Remediation Closure Report Due: 09/26/2024

Incident Dates

19.15.29 NMAC - RELEASES

Type	Action	Received	Denied	Approved
Initial C-141 Report	[384197]	09/17/2024		09/17/2024
Notification	[361107]	07/03/2024		07/03/2024

19.15.30 NMAC - REMEDIATION

Type	Action	Received	Denied	Approved

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Incident Materials

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
Other	Flow Line - Production	Produced Water		53	45	8	BBL

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
The concentration of dissolved chloride in the produced water >10,000 mg/l:							
	Yes	No					

Appendix B

DTGWB Drilling Log

pg 1 of 1



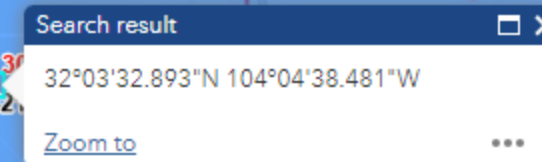
Well No.: DTWB-1 Date Drilled: 8/31/23
Client Name: (Uncore Phillips
Site Location: SRU SWD 41014 Melange, NM
Project No.: 2019046 Drilling Method: Air Rotary
Logged By: Sarah Nolen Sample Method: Grab
Drilling Co.: West Texas Driller: Calb
Water Well

Hand
Aupr

Appendix C

Site Characterization

- 9



Legend

water, temporarily Abandoned

Reclamation Fund

Mineral and Surface Ownership

Land Ownership

BLM

BOR

DOD

DOE

FS

FWS

I

NPS

P

S

SGF

SP

USDA

VCNP

Mineral Ownership

minown

A-All minerals are owned by U.S.

C-Only coal is owned by the U.S.

G-Only oil, gas and coal are owned by the U.S.

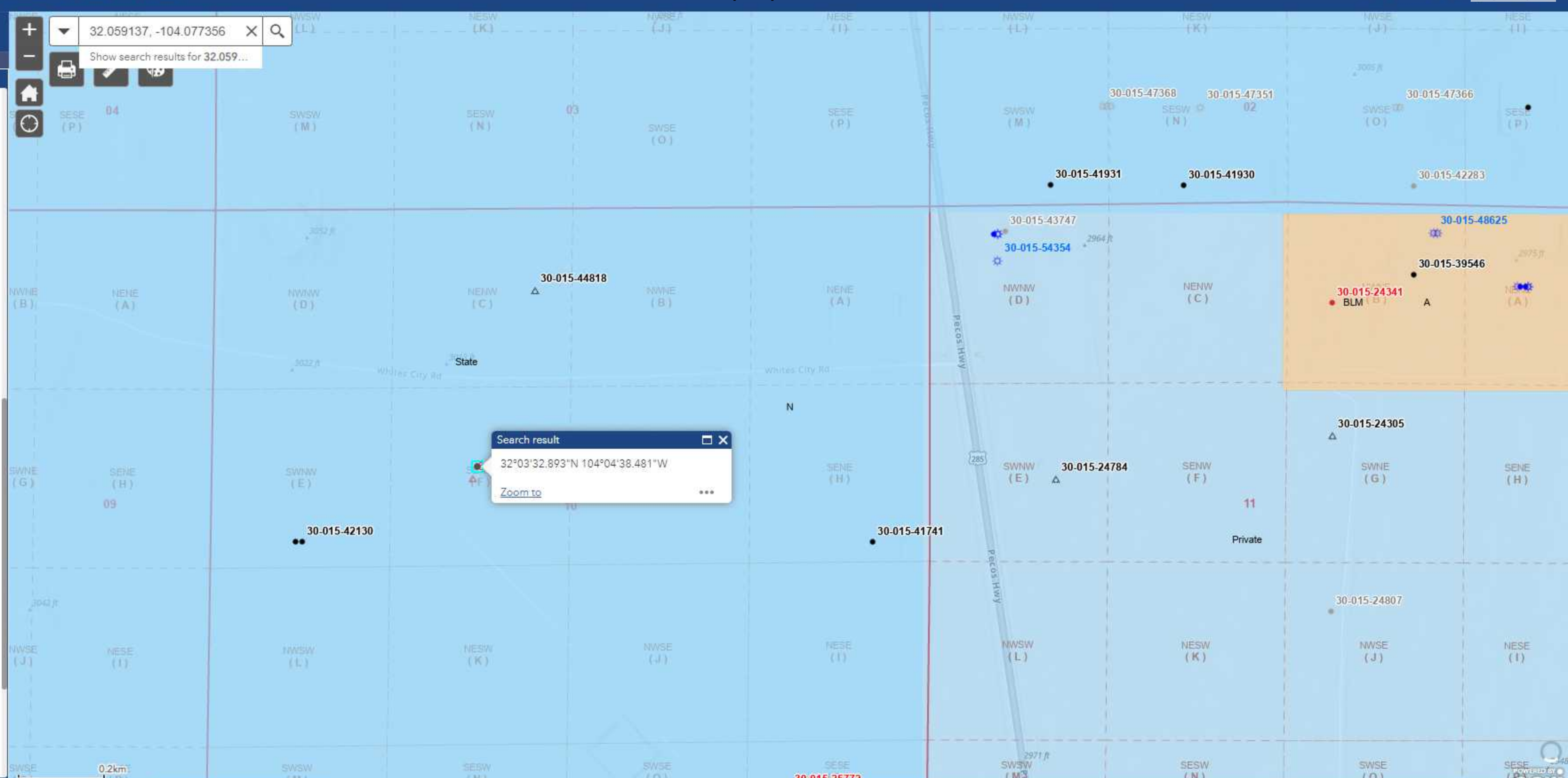
N-No minerals are owned by the U.S.

O-Only oil and gas are owned by the U.S.

T-Other minerals are owned by the U.S.

OCD Districts

OCD District Offices



32.059137,-104.077356

Show search results for 32.059137,-1...

+

-

Home

Refresh

Search result

32°03'32.893"N 104°04'38.481"W

[Zoom to](#)

Eddy County
350120

35015C1850D
eff. 6/4/2010

Legend

Effective FIRM Panels

GeoIndex

- No Digital Data Available
- Digital Data Available
- Unmapped

NFHL

LOMRs

- Effective

Political Jurisdictions



Profile Baselines



Levees



Coastal Transects



Transect Baselines



Limit of Moderate Wave Action



Flood Hazard Boundaries

- Limit Lines
- SFHA / Flood Zone Boundary
- Flowage Easement Boundary

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee

Primary Frontal Dunes



Appendix D

CRI Cover Sheet



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

Appendix E

NMOCD Correspondence

Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov>



Reply

Reply all

To: ● Nixon, Justin

Cc: ☉ Tavarez, Ike

⚠ This sender shelly.wells@emnrd.nm.gov is from outside your organization.

Arcadis Warning: Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Justin,

I am in receipt of both of your messages. Because this release is out of compliance, an extension can not be granted. A karst survey is not required to be conducted for the means of remediating to Table I standards, as this release (located in medium karst) occurred prior to the Karst Potential Occurrence Zones Press Release of December 1, 2024. Should it lie within any of the setbacks listed in 19.15.29.1 release must be treated as if it occurred less than 50 feet to ground water in Table I.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

Appendix F

Laboratory Analytical Results



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
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- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701
Generated 8/7/2024 1:39:17 PM

JOB DESCRIPTION

Graham Cracker 2-1
Eddy County New Mexico

JOB NUMBER

880-46860-1

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
8/7/2024 1:39:17 PM

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

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Laboratory Job ID: 880-46860-1
SDG: Eddy County New Mexico

Table of Contents

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Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	15
Lab Chronicle	17
Certification Summary	19
Method Summary	20
Sample Summary	21
Chain of Custody	22
Receipt Checklists	23

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Graham Cracker 2-1

Job ID: 880-46860-1

Job ID: 880-46860-1

Eurofins Midland

Job Narrative 880-46860-1

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 8/5/2024 2:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: HA-1 (0-0.5') (880-46860-1), HA-2 (0-0.5') (880-46860-2), HA-3 (0-0.5') (880-46860-3), HA-4 (0-0.5') (880-46860-4) and HA-5 (0-0.5') (880-46860-5).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-87563 and analytical batch 880-87595 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-87595/21). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-87571 and analytical batch 880-87593 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46860-1

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:00	08/06/24 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/05/24 15:00	08/06/24 12:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/05/24 15:00	08/06/24 12:28	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			08/06/24 12:28	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			08/06/24 11:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 11:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 11:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	08/05/24 15:20	08/06/24 11:27	1
o-Terphenyl	111		70 - 130	08/05/24 15:20	08/06/24 11:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	464	F1	4.96		mg/Kg			08/06/24 16:54	1

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

Lab Sample ID: 880-46860-2

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:00	08/06/24 12:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 12:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/05/24 15:00	08/06/24 12:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/05/24 15:00	08/06/24 12:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46860-2

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			08/06/24 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 12:22	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		08/05/24 15:20	08/06/24 12:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 12:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/05/24 15:20	08/06/24 12:22	1
o-Terphenyl	92		70 - 130				08/05/24 15:20	08/06/24 12:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		4.96		mg/Kg			08/06/24 17:10	1

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

Lab Sample ID: 880-46860-3

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:00	08/06/24 13:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 15:00	08/06/24 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/05/24 15:00	08/06/24 13:09	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/05/24 15:00	08/06/24 13:09	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			08/06/24 13:09	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			08/06/24 12:40	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	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46860-3

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:20	08/06/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/05/24 15:20	08/06/24 12:40	1
o-Terphenyl	90		70 - 130				08/05/24 15:20	08/06/24 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		4.98		mg/Kg			08/06/24 17:15	1

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

Lab Sample ID: 880-46860-4

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:00	08/06/24 13:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 15:00	08/06/24 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/05/24 15:00	08/06/24 13:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/05/24 15:00	08/06/24 13:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/06/24 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/06/24 12:59	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		08/05/24 15:20	08/06/24 12:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/05/24 15:20	08/06/24 12:59	1
o-Terphenyl	97		70 - 130				08/05/24 15:20	08/06/24 12:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		5.02		mg/Kg			08/06/24 17:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46860-5

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:00	08/06/24 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 15:00	08/06/24 13:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 15:00	08/06/24 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/05/24 15:00	08/06/24 13:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/05/24 15:00	08/06/24 13:50	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			08/06/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 13:17	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	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 13:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 13:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	08/05/24 15:20	08/06/24 13:17	1
o-Terphenyl	100		70 - 130	08/05/24 15:20	08/06/24 13:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.12		4.97		mg/Kg			08/06/24 17:26	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy 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)
880-46860-1	HA-1 (0-0.5')	103	102
880-46860-2	HA-2 (0-0.5')	104	101
880-46860-3	HA-3 (0-0.5')	102	102
880-46860-4	HA-4 (0-0.5')	103	101
880-46860-5	HA-5 (0-0.5')	103	102
885-9088-A-33-A MS	Matrix Spike	100	99
885-9088-A-33-B MSD	Matrix Spike Duplicate	103	100
LCS 880-87502/1-A	Lab Control Sample	99	100
LCSD 880-87502/2-A	Lab Control Sample Dup	99	99
MB 880-87502/5-A	Method Blank	99	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-46860-1	HA-1 (0-0.5')	119	111
880-46860-1 MS	HA-1 (0-0.5')	96	88
880-46860-1 MSD	HA-1 (0-0.5')	98	91
880-46860-2	HA-2 (0-0.5')	105	92
880-46860-3	HA-3 (0-0.5')	101	90
880-46860-4	HA-4 (0-0.5')	110	97
880-46860-5	HA-5 (0-0.5')	111	100
LCS 880-87563/2-A	Lab Control Sample	94	88
LCSD 880-87563/3-A	Lab Control Sample Dup	92	85
MB 880-87563/1-A	Method Blank	145 S1+	128
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-87502/5-A

Matrix: Solid

Analysis Batch: 87587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87502

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 11:16	08/06/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 11:16	08/06/24 11:25	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	99		70 - 130	08/05/24 11:16	08/06/24 11:25	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 11:16	08/06/24 11:25	1

Lab Sample ID: LCS 880-87502/1-A

Matrix: Solid

Analysis Batch: 87587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87502

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1012		mg/Kg		101	70 - 130
Toluene	0.100	0.1040		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2141		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-87502/2-A

Matrix: Solid

Analysis Batch: 87587

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87502

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.09611		mg/Kg		96	70 - 130	5	35
Toluene	0.100	0.09914		mg/Kg		99	70 - 130	5	35
Ethylbenzene	0.100	0.09889		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2032		mg/Kg		102	70 - 130	5	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	5	35

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

Lab Sample ID: 885-9088-A-33-A MS

Matrix: Solid

Analysis Batch: 87587

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 87502

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00202	U	0.100	0.09011		mg/Kg		90	70 - 130
Toluene	<0.00202	U	0.100	0.09311		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 885-9088-A-33-A MS

Matrix: Solid

Analysis Batch: 87587

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 87502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.09318		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1914		mg/Kg		96	70 - 130
o-Xylene	<0.00202	U	0.100	0.09428		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 885-9088-A-33-B MSD

Matrix: Solid

Analysis Batch: 87587

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 87502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08693		mg/Kg		87	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.09006		mg/Kg		90	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.09080		mg/Kg		91	70 - 130	3	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1877		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09298		mg/Kg		93	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-87563/1-A

Matrix: Solid

Analysis Batch: 87595

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87563

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		08/05/24 15:19	08/06/24 08:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	08/05/24 15:19	08/06/24 08:46	1
o-Terphenyl	128		70 - 130	08/05/24 15:19	08/06/24 08:46	1

Lab Sample ID: LCS 880-87563/2-A

Matrix: Solid

Analysis Batch: 87595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	871.0		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-87563/2-A

Matrix: Solid

Analysis Batch: 87595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87563

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: LCSD 880-87563/3-A

Matrix: Solid

Analysis Batch: 87595

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	990.7		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	824.9		mg/Kg		82	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-46860-1 MS

Matrix: Solid

Analysis Batch: 87595

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

Prep Type: Total/NA

Prep Batch: 87563

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	985.4		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	993	849.2		mg/Kg		86	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-46860-1 MSD

Matrix: Solid

Analysis Batch: 87595

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

Prep Type: Total/NA

Prep Batch: 87563

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	979.4		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	993	890.2		mg/Kg		90	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	91		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87571/1-A

Matrix: Solid

Analysis Batch: 87593

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/06/24 16:39	1

Lab Sample ID: LCS 880-87571/2-A

Matrix: Solid

Analysis Batch: 87593

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-87571/3-A

Matrix: Solid

Analysis Batch: 87593

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	231.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-46860-1 MS

Matrix: Solid

Analysis Batch: 87593

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	464	F1	248	751.5	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-46860-1 MSD

Matrix: Solid

Analysis Batch: 87593

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	464	F1	248	752.0	F1	mg/Kg		116	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 87502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	5035	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	5035	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	5035	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	5035	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-87502/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87502/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87502/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-9088-A-33-A MS	Matrix Spike	Total/NA	Solid	5035	
885-9088-A-33-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 87587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8021B	87502
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8021B	87502
MB 880-87502/5-A	Method Blank	Total/NA	Solid	8021B	87502
LCS 880-87502/1-A	Lab Control Sample	Total/NA	Solid	8021B	87502
LCSD 880-87502/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87502
885-9088-A-33-A MS	Matrix Spike	Total/NA	Solid	8021B	87502
885-9088-A-33-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	87502

Analysis Batch: 87753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 87563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46860-1 MS	HA-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-46860-1 MSD	HA-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8015B NM	87563

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 87595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8015B NM	87563
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015B NM	87563
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87563
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87563
880-46860-1 MS	HA-1 (0-0.5')	Total/NA	Solid	8015B NM	87563
880-46860-1 MSD	HA-1 (0-0.5')	Total/NA	Solid	8015B NM	87563

Analysis Batch: 87761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-2	HA-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-3	HA-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-4	HA-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-46860-5	HA-5 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 87571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-2	HA-2 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-3	HA-3 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-4	HA-4 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-5	HA-5 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-87571/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46860-1 MS	HA-1 (0-0.5')	Soluble	Solid	DI Leach	
880-46860-1 MSD	HA-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 87593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-1	HA-1 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-2	HA-2 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-3	HA-3 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-4	HA-4 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-5	HA-5 (0-0.5')	Soluble	Solid	300.0	87571
MB 880-87571/1-A	Method Blank	Soluble	Solid	300.0	87571
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	300.0	87571
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87571
880-46860-1 MS	HA-1 (0-0.5')	Soluble	Solid	300.0	87571
880-46860-1 MSD	HA-1 (0-0.5')	Soluble	Solid	300.0	87571

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46860-1

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 12:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 11:27	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 16:54	CH	EET MID

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

Lab Sample ID: 880-46860-2

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 12:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 12:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 12:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:10	CH	EET MID

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

Lab Sample ID: 880-46860-3

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 13:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 12:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 12:40	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:15	CH	EET MID

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

Lab Sample ID: 880-46860-4

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 13:29	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

Client Sample ID: HA-4 (0-0.5')
Date Collected: 08/05/24 00:00
Date Received: 08/05/24 14:10

Lab Sample ID: 880-46860-4
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			87761	08/06/24 12:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 12:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:21	CH	EET MID

Client Sample ID: HA-5 (0-0.5')
Date Collected: 08/05/24 00:00
Date Received: 08/05/24 14:10

Lab Sample ID: 880-46860-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	87502	08/05/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87587	08/06/24 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87753	08/06/24 13:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			87761	08/06/24 13:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 13:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 17:26	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: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy 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: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy 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: Graham Cracker 2-1

Job ID: 880-46860-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46860-1	HA-1 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-2	HA-2 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-3	HA-3 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-4	HA-4 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46860-5	HA-5 (0-0.5')	Solid	08/05/24 00:00	08/05/24 14:10

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Chain of Custody



880-46860 Chain of Custody

Page 1 of 1

Project Manager: Conner Moehring		Bill to: (if different)		Camrona Resources	
Company Name: Camrona 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: mcarmona@camronaresources.com			

Project Name: Graham Cracker 2-1		Turn Around		Pres. Code	
Project Number: 2463		☐ Routine ☒ Rush			
Project Location: Eddy County, New Mexico		Due Date: 72 HR			
Sampler's Name: DD & PB					
PO #:					

Temp Blank:		Yes No		Wet Ice:		Yes No	
Received Intact:		Yes No		Thermometer ID:		Yes No	
Cooler Custody Seals:		Yes No		Correction Factor:		Yes No	
Sample Custody Seals:		Yes No		Temperature Reading:		Yes No	
Total Containers:		Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 300.0	ANALYSIS REQUEST										Preservative Codes	Sample Comments
H-1 (0-0.5')	8/5/2024		X		G	1		X	X	X							None: NO					
H-2 (0-0.5')	8/5/2024		X		G	1		X	X	X						Cool: Cool						
H-3 (0-0.5')	8/5/2024		X		G	1		X	X	X						HCL: HC						
H-4 (0-0.5')	8/5/2024		X		G	1		X	X	X						H ₂ SO ₄ : H ₂						
H-5 (0-0.5')	8/5/2024		X		G	1		X	X	X						H ₃ PO ₄ : HP						
																NaHSO ₄ : NABIS						
																Na ₂ S ₂ O ₃ : NaSO ₃						
																Zn Acetate+NaOH: Zn						
																NaOH+Ascorbic Acid: SAPC						

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		8-5-24 1410		<i>[Signature]</i>		8/5/24 1410	

Comments: Email to Mike Carmona / mcarmona@camronaresources.com and Conner Moehring / cmoehring@camronaresources.com

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-46860-1

SDG Number: Eddy County New Mexico

Login Number: 46860

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: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/7/2024 2:34:05 PM

JOB DESCRIPTION

Graham Cracker 2-1
Eddy County New Mexico

JOB NUMBER

880-46861-1

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
8/7/2024 2:34:05 PM

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

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Laboratory Job ID: 880-46861-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Graham Cracker 2-1

Job ID: 880-46861-1

Job ID: 880-46861-1

Eurofins Midland

Job Narrative 880-46861-1

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 8/5/2024 2:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-46861-1), S-1 (1.5') (880-46861-2), S-2 (0-1') (880-46861-3), S-2 (1.5') (880-46861-4), S-2 (2') (880-46861-5), S-2 (3') (880-46861-6), S-3 (0-1') (880-46861-7), S-3 (1.5') (880-46861-8), S-3 (2') (880-46861-9), S-4 (0-1') (880-46861-10), S-4 (1.5') (880-46861-11), S-4 (2') (880-46861-12), S-4 (3') (880-46861-13) and S-4 (4') (880-46861-14).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-87563 and analytical batch 880-87595 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-87595/21). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-87595 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV have a qualifying CCV 10 samples before and 10 samples afterward, and they are thereby reported without issue.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-87571 and analytical batch 880-87593 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-1

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:54	08/06/24 11:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:54	08/06/24 11:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/05/24 14:54	08/06/24 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/05/24 14:54	08/06/24 11:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/05/24 14:54	08/06/24 11:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/06/24 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	<49.7	U	49.7		mg/Kg			08/06/24 13:35	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	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 13:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 13:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	08/05/24 15:20	08/06/24 13:35	1
o-Terphenyl	101		70 - 130	08/05/24 15:20	08/06/24 13:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6150		50.2		mg/Kg			08/06/24 17:42	10

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-46861-2

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:54	08/06/24 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:54	08/06/24 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/05/24 14:54	08/06/24 12:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/05/24 14:54	08/06/24 12:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-46861-2

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			08/06/24 12:07	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			08/06/24 13:53	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		08/05/24 15:20	08/06/24 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/05/24 15:20	08/06/24 13:53	1
o-Terphenyl	92		70 - 130				08/05/24 15:20	08/06/24 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4230		49.9		mg/Kg			08/06/24 17:47	10

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

Lab Sample ID: 880-46861-3

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:54	08/06/24 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/05/24 14:54	08/06/24 12:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/05/24 14:54	08/06/24 12:28	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			08/06/24 12:28	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			08/06/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 14:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 14:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-3

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:20	08/06/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/05/24 15:20	08/06/24 14:12	1
o-Terphenyl	96		70 - 130				08/05/24 15:20	08/06/24 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24400		250		mg/Kg			08/06/24 17:52	50

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-46861-4

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:54	08/06/24 12:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 14:54	08/06/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/05/24 14:54	08/06/24 12:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/05/24 14:54	08/06/24 12:48	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			08/06/24 12:48	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			08/06/24 14:30	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		08/05/24 15:20	08/06/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/05/24 15:20	08/06/24 14:30	1
o-Terphenyl	87		70 - 130				08/05/24 15:20	08/06/24 14:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8560		100		mg/Kg			08/06/24 17:57	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-46861-5

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 13:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 13:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/05/24 14:55	08/06/24 13:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/05/24 14:55	08/06/24 13:09	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			08/06/24 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/06/24 14:48	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	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	08/05/24 15:20	08/06/24 14:48	1
o-Terphenyl	92		70 - 130	08/05/24 15:20	08/06/24 14:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850		24.9		mg/Kg			08/06/24 18:02	5

Client Sample ID: S-2 (3')

Lab Sample ID: 880-46861-6

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/05/24 14:55	08/06/24 13:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 14:55	08/06/24 13:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-46861-6

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			08/06/24 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	<50.0	U	50.0		mg/Kg			08/06/24 15:25	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	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/05/24 15:20	08/06/24 15:25	1
o-Terphenyl	99		70 - 130				08/05/24 15:20	08/06/24 15:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470	F1	24.9		mg/Kg			08/06/24 18:08	5

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

Lab Sample ID: 880-46861-7

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/05/24 14:55	08/06/24 13:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/05/24 14:55	08/06/24 13:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/06/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 15:43	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	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 15:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 15:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-7

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:20	08/06/24 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/05/24 15:20	08/06/24 15:43	1
o-Terphenyl	89		70 - 130				08/05/24 15:20	08/06/24 15:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		99.2		mg/Kg			08/06/24 18:24	20

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-46861-8

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/05/24 14:55	08/06/24 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/05/24 14:55	08/06/24 14:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/05/24 14:55	08/06/24 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			08/06/24 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			08/06/24 16:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 16:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 16:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/24 15:20	08/06/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/05/24 15:20	08/06/24 16:02	1
o-Terphenyl	104		70 - 130				08/05/24 15:20	08/06/24 16:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4660		50.2		mg/Kg			08/06/24 18:29	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-46861-9

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 14:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 14:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/05/24 14:55	08/06/24 14:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/05/24 14:55	08/06/24 14:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/06/24 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/06/24 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 16:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 16:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:20	08/06/24 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/05/24 15:20	08/06/24 16:20	1
o-Terphenyl	92		70 - 130	08/05/24 15:20	08/06/24 16:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8290		100		mg/Kg			08/06/24 18:45	20

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

Lab Sample ID: 880-46861-10

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 14:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 14:55	08/06/24 14:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/05/24 14:55	08/06/24 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/05/24 14:55	08/06/24 14:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/05/24 14:55	08/06/24 14:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-10

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			08/06/24 14:52	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			08/06/24 16:38	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	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 16:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 16:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/05/24 15:20	08/06/24 16:38	1
o-Terphenyl	104		70 - 130				08/05/24 15:20	08/06/24 16:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8430		101		mg/Kg			08/06/24 18:50	20

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-46861-11

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 17:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/05/24 14:55	08/06/24 17:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/05/24 14:55	08/06/24 17:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/06/24 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 16:56	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		08/05/24 15:20	08/06/24 16:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 16:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-46861-11

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 15:20	08/06/24 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				08/05/24 15:20	08/06/24 16:56	1
o-Terphenyl	102		70 - 130				08/05/24 15:20	08/06/24 16:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	553		5.05		mg/Kg			08/06/24 18:55	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-46861-12

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 17:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:55	08/06/24 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/05/24 14:55	08/06/24 17:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/05/24 14:55	08/06/24 17:23	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			08/06/24 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/06/24 17:14	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	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				08/05/24 15:20	08/06/24 17:14	1
o-Terphenyl	113		70 - 130				08/05/24 15:20	08/06/24 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	863		4.97		mg/Kg			08/06/24 19:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-46861-13

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 17:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 14:55	08/06/24 17:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 14:55	08/06/24 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/05/24 14:55	08/06/24 17:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 14:55	08/06/24 17:43	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			08/06/24 17:43	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			08/06/24 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		08/05/24 15:20	08/06/24 17:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/05/24 15:20	08/06/24 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	08/05/24 15:20	08/06/24 17:33	1
o-Terphenyl	100		70 - 130	08/05/24 15:20	08/06/24 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		4.95		mg/Kg			08/06/24 19:06	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-46861-14

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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		08/05/24 14:55	08/06/24 18:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:55	08/06/24 18:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 14:55	08/06/24 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/05/24 14:55	08/06/24 18:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/05/24 14:55	08/06/24 18:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-4 (4')

Lab Sample ID: 880-46861-14

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			08/06/24 18:04	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			08/06/24 17:51	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	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 17:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 17:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/24 15:20	08/06/24 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/05/24 15:20	08/06/24 17:51	1
o-Terphenyl	88		70 - 130	08/05/24 15:20	08/06/24 17:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	711		4.95		mg/Kg			08/06/24 19:11	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy 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)
880-46861-1	S-1 (0-1')	109	101
880-46861-1 MS	S-1 (0-1')	112	106
880-46861-1 MSD	S-1 (0-1')	100	99
880-46861-2	S-1 (1.5')	108	97
880-46861-3	S-2 (0-1')	108	98
880-46861-4	S-2 (1.5')	109	97
880-46861-5	S-2 (2')	105	97
880-46861-6	S-2 (3')	111	98
880-46861-7	S-3 (0-1')	110	98
880-46861-8	S-3 (1.5')	113	101
880-46861-9	S-3 (2')	112	101
880-46861-10	S-4 (0-1')	107	96
880-46861-11	S-4 (1.5')	103	97
880-46861-12	S-4 (2')	102	96
880-46861-13	S-4 (3')	110	98
880-46861-14	S-4 (4')	108	96
LCS 880-87560/1-A	Lab Control Sample	107	100
LCSD 880-87560/2-A	Lab Control Sample Dup	104	98
MB 880-87560/5-A	Method Blank	109	92
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)
880-46860-A-1-C MS	Matrix Spike	96	88
880-46860-A-1-D MSD	Matrix Spike Duplicate	98	91
880-46861-1	S-1 (0-1')	112	101
880-46861-2	S-1 (1.5')	106	92
880-46861-3	S-2 (0-1')	110	96
880-46861-4	S-2 (1.5')	100	87
880-46861-5	S-2 (2')	108	92
880-46861-6	S-2 (3')	108	99
880-46861-7	S-3 (0-1')	96	89
880-46861-8	S-3 (1.5')	114	104
880-46861-9	S-3 (2')	100	92
880-46861-10	S-4 (0-1')	119	104
880-46861-11	S-4 (1.5')	113	102
880-46861-12	S-4 (2')	127	113
880-46861-13	S-4 (3')	106	100
880-46861-14	S-4 (4')	96	88
LCS 880-87563/2-A	Lab Control Sample	94	88
LCSD 880-87563/3-A	Lab Control Sample Dup	92	85
MB 880-87563/1-A	Method Blank	145 S1+	128
Surrogate Legend			

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 880-46861-1
SDG: Eddy County New Mexico

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-87560/5-A

Matrix: Solid

Analysis Batch: 87588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87560

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 14:54	08/06/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 14:54	08/06/24 11:25	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		70 - 130	08/05/24 14:54	08/06/24 11:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/05/24 14:54	08/06/24 11:25	1

Lab Sample ID: LCS 880-87560/1-A

Matrix: Solid

Analysis Batch: 87588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87560

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1097		mg/Kg		110	70 - 130
Toluene	0.100	0.09984		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2181		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-87560/2-A

Matrix: Solid

Analysis Batch: 87588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87560

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.09886		mg/Kg		99	70 - 130	10	35
Toluene	0.100	0.08928		mg/Kg		89	70 - 130	11	35
Ethylbenzene	0.100	0.09197		mg/Kg		92	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1941		mg/Kg		97	70 - 130	12	35
o-Xylene	0.100	0.09688		mg/Kg		97	70 - 130	11	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-46861-1 MS

Matrix: Solid

Analysis Batch: 87588

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

Prep Type: Total/NA

Prep Batch: 87560

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00202	U	0.100	0.1146		mg/Kg		115	70 - 130
Toluene	<0.00202	U	0.100	0.1025		mg/Kg		102	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-1 MS

Matrix: Solid

Analysis Batch: 87588

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

Prep Type: Total/NA

Prep Batch: 87560

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.1031		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2178		mg/Kg		109	70 - 130
o-Xylene	<0.00202	U	0.100	0.1066		mg/Kg		107	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	112		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: 880-46861-1 MSD

Matrix: Solid

Analysis Batch: 87588

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

Prep Type: Total/NA

Prep Batch: 87560

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1125		mg/Kg		112	70 - 130	2	35
Toluene	<0.00202	U	0.100	0.1004		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.1013		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2133		mg/Kg		107	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.1046		mg/Kg		105	70 - 130	2	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-87563/1-A

Matrix: Solid

Analysis Batch: 87595

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87563

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		08/05/24 15:19	08/06/24 08:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/24 15:19	08/06/24 08:46	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	145	S1+	70 - 130						
o-Terphenyl	128		70 - 130						

Lab Sample ID: LCS 880-87563/2-A

Matrix: Solid

Analysis Batch: 87595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	871.0		mg/Kg		87	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-87563/2-A
Matrix: Solid
Analysis Batch: 87595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87563

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: LCSD 880-87563/3-A
Matrix: Solid
Analysis Batch: 87595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	990.7		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	824.9		mg/Kg		82	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-46860-A-1-C MS
Matrix: Solid
Analysis Batch: 87595

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87563

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	993	985.4		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	993	849.2		mg/Kg		86	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-46860-A-1-D MSD
Matrix: Solid
Analysis Batch: 87595

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87563

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	979.4		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	993	890.2		mg/Kg		90	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	91		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87571/1-A

Matrix: Solid

Analysis Batch: 87593

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/06/24 16:39	1

Lab Sample ID: LCS 880-87571/2-A

Matrix: Solid

Analysis Batch: 87593

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-87571/3-A

Matrix: Solid

Analysis Batch: 87593

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	231.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-46861-6 MS

Matrix: Solid

Analysis Batch: 87593

Client Sample ID: S-2 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1470	F1	1250	2413	F1	mg/Kg		76	90 - 110

Lab Sample ID: 880-46861-6 MSD

Matrix: Solid

Analysis Batch: 87593

Client Sample ID: S-2 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1470	F1	1250	2405	F1	mg/Kg		75	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

GC VOA

Prep Batch: 87560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	5035	
880-46861-2	S-1 (1.5')	Total/NA	Solid	5035	
880-46861-3	S-2 (0-1')	Total/NA	Solid	5035	
880-46861-4	S-2 (1.5')	Total/NA	Solid	5035	
880-46861-5	S-2 (2')	Total/NA	Solid	5035	
880-46861-6	S-2 (3')	Total/NA	Solid	5035	
880-46861-7	S-3 (0-1')	Total/NA	Solid	5035	
880-46861-8	S-3 (1.5')	Total/NA	Solid	5035	
880-46861-9	S-3 (2')	Total/NA	Solid	5035	
880-46861-10	S-4 (0-1')	Total/NA	Solid	5035	
880-46861-11	S-4 (1.5')	Total/NA	Solid	5035	
880-46861-12	S-4 (2')	Total/NA	Solid	5035	
880-46861-13	S-4 (3')	Total/NA	Solid	5035	
880-46861-14	S-4 (4')	Total/NA	Solid	5035	
MB 880-87560/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87560/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87560/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-46861-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-46861-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 87588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8021B	87560
880-46861-2	S-1 (1.5')	Total/NA	Solid	8021B	87560
880-46861-3	S-2 (0-1')	Total/NA	Solid	8021B	87560
880-46861-4	S-2 (1.5')	Total/NA	Solid	8021B	87560
880-46861-5	S-2 (2')	Total/NA	Solid	8021B	87560
880-46861-6	S-2 (3')	Total/NA	Solid	8021B	87560
880-46861-7	S-3 (0-1')	Total/NA	Solid	8021B	87560
880-46861-8	S-3 (1.5')	Total/NA	Solid	8021B	87560
880-46861-9	S-3 (2')	Total/NA	Solid	8021B	87560
880-46861-10	S-4 (0-1')	Total/NA	Solid	8021B	87560
880-46861-11	S-4 (1.5')	Total/NA	Solid	8021B	87560
880-46861-12	S-4 (2')	Total/NA	Solid	8021B	87560
880-46861-13	S-4 (3')	Total/NA	Solid	8021B	87560
880-46861-14	S-4 (4')	Total/NA	Solid	8021B	87560
MB 880-87560/5-A	Method Blank	Total/NA	Solid	8021B	87560
LCS 880-87560/1-A	Lab Control Sample	Total/NA	Solid	8021B	87560
LCSD 880-87560/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87560
880-46861-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	87560
880-46861-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	87560

Analysis Batch: 87769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-46861-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-3	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-46861-4	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-5	S-2 (2')	Total/NA	Solid	Total BTEX	
880-46861-6	S-2 (3')	Total/NA	Solid	Total BTEX	
880-46861-7	S-3 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 87769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-8	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-9	S-3 (2')	Total/NA	Solid	Total BTEX	
880-46861-10	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-46861-11	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-46861-12	S-4 (2')	Total/NA	Solid	Total BTEX	
880-46861-13	S-4 (3')	Total/NA	Solid	Total BTEX	
880-46861-14	S-4 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 87563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-4	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-5	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-46861-6	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-46861-7	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-8	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-9	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-46861-10	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-46861-11	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-46861-12	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-46861-13	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-46861-14	S-4 (4')	Total/NA	Solid	8015NM Prep	
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-46860-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-46860-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-2	S-1 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-3	S-2 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-4	S-2 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-5	S-2 (2')	Total/NA	Solid	8015B NM	87563
880-46861-6	S-2 (3')	Total/NA	Solid	8015B NM	87563
880-46861-7	S-3 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-8	S-3 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-9	S-3 (2')	Total/NA	Solid	8015B NM	87563
880-46861-10	S-4 (0-1')	Total/NA	Solid	8015B NM	87563
880-46861-11	S-4 (1.5')	Total/NA	Solid	8015B NM	87563
880-46861-12	S-4 (2')	Total/NA	Solid	8015B NM	87563
880-46861-13	S-4 (3')	Total/NA	Solid	8015B NM	87563
880-46861-14	S-4 (4')	Total/NA	Solid	8015B NM	87563
MB 880-87563/1-A	Method Blank	Total/NA	Solid	8015B NM	87563
LCS 880-87563/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87563
LCSD 880-87563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87563

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 87595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46860-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	87563
880-46860-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	87563

Analysis Batch: 87762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-46861-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-46861-3	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-46861-4	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-46861-5	S-2 (2')	Total/NA	Solid	8015 NM	
880-46861-6	S-2 (3')	Total/NA	Solid	8015 NM	
880-46861-7	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-46861-8	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-46861-9	S-3 (2')	Total/NA	Solid	8015 NM	
880-46861-10	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-46861-11	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-46861-12	S-4 (2')	Total/NA	Solid	8015 NM	
880-46861-13	S-4 (3')	Total/NA	Solid	8015 NM	
880-46861-14	S-4 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 87571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-46861-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-46861-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-46861-4	S-2 (1.5')	Soluble	Solid	DI Leach	
880-46861-5	S-2 (2')	Soluble	Solid	DI Leach	
880-46861-6	S-2 (3')	Soluble	Solid	DI Leach	
880-46861-7	S-3 (0-1')	Soluble	Solid	DI Leach	
880-46861-8	S-3 (1.5')	Soluble	Solid	DI Leach	
880-46861-9	S-3 (2')	Soluble	Solid	DI Leach	
880-46861-10	S-4 (0-1')	Soluble	Solid	DI Leach	
880-46861-11	S-4 (1.5')	Soluble	Solid	DI Leach	
880-46861-12	S-4 (2')	Soluble	Solid	DI Leach	
880-46861-13	S-4 (3')	Soluble	Solid	DI Leach	
880-46861-14	S-4 (4')	Soluble	Solid	DI Leach	
MB 880-87571/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-46861-6 MS	S-2 (3')	Soluble	Solid	DI Leach	
880-46861-6 MSD	S-2 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 87593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-1	S-1 (0-1')	Soluble	Solid	300.0	87571
880-46861-2	S-1 (1.5')	Soluble	Solid	300.0	87571
880-46861-3	S-2 (0-1')	Soluble	Solid	300.0	87571
880-46861-4	S-2 (1.5')	Soluble	Solid	300.0	87571
880-46861-5	S-2 (2')	Soluble	Solid	300.0	87571

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Analysis Batch: 87593 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46861-6	S-2 (3')	Soluble	Solid	300.0	87571
880-46861-7	S-3 (0-1')	Soluble	Solid	300.0	87571
880-46861-8	S-3 (1.5')	Soluble	Solid	300.0	87571
880-46861-9	S-3 (2')	Soluble	Solid	300.0	87571
880-46861-10	S-4 (0-1')	Soluble	Solid	300.0	87571
880-46861-11	S-4 (1.5')	Soluble	Solid	300.0	87571
880-46861-12	S-4 (2')	Soluble	Solid	300.0	87571
880-46861-13	S-4 (3')	Soluble	Solid	300.0	87571
880-46861-14	S-4 (4')	Soluble	Solid	300.0	87571
MB 880-87571/1-A	Method Blank	Soluble	Solid	300.0	87571
LCS 880-87571/2-A	Lab Control Sample	Soluble	Solid	300.0	87571
LCSD 880-87571/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87571
880-46861-6 MS	S-2 (3')	Soluble	Solid	300.0	87571
880-46861-6 MSD	S-2 (3')	Soluble	Solid	300.0	87571

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-1 (0-1')**Lab Sample ID: 880-46861-1****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 11:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 11:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 13:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 13:35	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87593	08/06/24 17:42	CH	EET MID

Client Sample ID: S-1 (1.5')**Lab Sample ID: 880-46861-2****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 12:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 12:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 13:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87593	08/06/24 17:47	CH	EET MID

Client Sample ID: S-2 (0-1')**Lab Sample ID: 880-46861-3****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

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	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 12:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 14:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 14:12	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	87593	08/06/24 17:52	CH	EET MID

Client Sample ID: S-2 (1.5')**Lab Sample ID: 880-46861-4****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87560	08/05/24 14:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 12:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-46861-4

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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			87762	08/06/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 14:30	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 17:57	CH	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-46861-5

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 13:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 14:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 14:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87593	08/06/24 18:02	CH	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-46861-6

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 13:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 15:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 15:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87593	08/06/24 18:08	CH	EET MID

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

Lab Sample ID: 880-46861-7

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 13:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 15:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 15:43	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-46861-7

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 18:24	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-46861-8

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 14:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:02	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	87593	08/06/24 18:29	CH	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-46861-9

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 14:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:20	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 18:45	CH	EET MID

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

Lab Sample ID: 880-46861-10

Date Collected: 08/05/24 00:00

Matrix: Solid

Date Received: 08/05/24 14:10

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 14:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	87593	08/06/24 18:50	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-4 (1.5')**Lab Sample ID: 880-46861-11****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 17:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 17:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 16:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 16:56	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 18:55	CH	EET MID

Client Sample ID: S-4 (2')**Lab Sample ID: 880-46861-12****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 17:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 17:14	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 19:01	CH	EET MID

Client Sample ID: S-4 (3')**Lab Sample ID: 880-46861-13****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			87762	08/06/24 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 17:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 19:06	CH	EET MID

Client Sample ID: S-4 (4')**Lab Sample ID: 880-46861-14****Date Collected: 08/05/24 00:00****Matrix: Solid****Date Received: 08/05/24 14:10**

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	87560	08/05/24 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87588	08/06/24 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87769	08/06/24 18:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Client Sample ID: S-4 (4')
Date Collected: 08/05/24 00:00
Date Received: 08/05/24 14:10

Lab Sample ID: 880-46861-14
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			87762	08/06/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87563	08/05/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87595	08/06/24 17:51	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	87571	08/05/24 16:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87593	08/06/24 19:11	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: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy 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: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy 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: Graham Cracker 2-1

Job ID: 880-46861-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46861-1	S-1 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-2	S-1 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-3	S-2 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-4	S-2 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-5	S-2 (2')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-6	S-2 (3')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-7	S-3 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-8	S-3 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-9	S-3 (2')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-10	S-4 (0-1')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-11	S-4 (1.5')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-12	S-4 (2')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-13	S-4 (3')	Solid	08/05/24 00:00	08/05/24 14:10
880-46861-14	S-4 (4')	Solid	08/05/24 00:00	08/05/24 14:10

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Chain of Custody



880-46861 Chain of Custody

Page 1 of 2

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: mcarmona@carmonaresources.com			

Project Name: Graham Cracker 2-1		Turn Around		Pres. Code	
Project Number: 2463		☐ Routine ☒ Rush			
Project Location: Eddy County, New Mexico		Due Date: 72 HR			
Sampler's Name: DD & PB					
PO #:					

ANALYSIS REQUEST									
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code
							Temp Blank:	Wet Ice:	
S-1 (0-1')	8/5/2024		X		G	1			
S-1 (1.5')	8/5/2024		X		G	1			
S-2 (0-1')	8/5/2024		X		G	1			
S-2 (1.5')	8/5/2024		X		G	1			
S-2 (2')	8/5/2024		X		G	1			
S-2 (3')	8/5/2024		X		G	1			
S-3 (0-1')	8/5/2024		X		G	1			
S-3 (1.5')	8/5/2024		X		G	1			
S-3 (2')	8/5/2024		X		G	1			
S-4 (0-1')	8/5/2024		X		G	1			

ANALYSIS REQUEST									
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code
							Temp Blank:	Wet Ice:	
S-1 (0-1')	8/5/2024		X		G	1			
S-1 (1.5')	8/5/2024		X		G	1			
S-2 (0-1')	8/5/2024		X		G	1			
S-2 (1.5')	8/5/2024		X		G	1			
S-2 (2')	8/5/2024		X		G	1			
S-2 (3')	8/5/2024		X		G	1			
S-3 (0-1')	8/5/2024		X		G	1			
S-3 (1.5')	8/5/2024		X		G	1			
S-3 (2')	8/5/2024		X		G	1			
S-4 (0-1')	8/5/2024		X		G	1			

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>Conner Moehring</i>		8-5-2024 1410		<i>[Signature]</i>		8-5-2024 1410	

Chain of Custody

Work Order No:

Page 2 of 2

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:	mcarmona@carmonaresources.com

Work Order Comments	
Program: ☐ UST/PST ☐ PRP ☐ rownfields ☐ RRC ☐ perfund	
State of Project:	
Reporting: Level II ☐ Level III ☐ ST/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>Cele Mackinnon</i>	8-5-24 14:10	<i>[Signature]</i>	8-5-24 14:10

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-46861-1

SDG Number: Eddy County New Mexico

Login Number: 46861

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: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 10/17/2025 2:49:12 PM

JOB DESCRIPTION

Graham Cracker 2-1
Eddy County New Mexico

JOB NUMBER

880-63838-1

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
10/17/2025 2:49:12 PM

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

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Laboratory Job ID: 880-63838-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
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: Graham Cracker 2-1

Job ID: 880-63838-1

Job ID: 880-63838-1

Eurofins Midland

Job Narrative
880-63838-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 10/14/2025 4:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.7°C.

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-121223 and analytical batch 880-121212 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: The surrogate recovery for the blank associated with preparation batch 880-121223 and analytical batch 880-121212 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121220 and analytical batch 880-121213 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-3 (30') (880-63838-43). 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: BH-2 (10-11') (880-63838-21), BH-2 (12-13') (880-63838-22), BH-2 (14-15') (880-63838-23), BH-2 (16-17') (880-63838-24), BH-2 (18-19') (880-63838-25), BH-2 (25') (880-63838-27), BH-2 (35') (880-63838-29), BH-2 (40') (880-63838-30), BH-3 (0-1') (880-63838-31), BH-3 (2-3') (880-63838-32), BH-3 (4-5') (880-63838-33), BH-3 (6-7') (880-63838-34), BH-3 (8-9') (880-63838-35), BH-3 (14-15') (880-63838-38), BH-3 (16-17') (880-63838-39), (CCV 880-121212/2), (CCV 880-121212/33), (LCS 880-121223/1-A), (LCSD 880-121223/2-A), (880-63838-A-21-G MS) and (880-63838-A-21-H MSD). 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 samples were outside control limits: BH-2 (10-11') (880-63838-21) and BH-2 (35') (880-63838-29). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH-2 (10-11') (880-63838-21), BH-2 (12-13') (880-63838-22), BH-2 (14-15') (880-63838-23), BH-2 (16-17') (880-63838-24), BH-2 (18-19') (880-63838-25), BH-2 (20') (880-63838-26), BH-2 (30') (880-63838-28), BH-3 (4-5') (880-63838-33), BH-3 (8-9') (880-63838-35), BH-3 (10-11') (880-63838-36), BH-3 (12-13') (880-63838-37), BH-3 (16-17') (880-63838-39), BH-3 (18-19') (880-63838-40) and (880-63838-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: BH-3 (2-3') (880-63838-32). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121194 and analytical batch 880-121271 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Graham Cracker 2-1

Job ID: 880-63838-1

Job ID: 880-63838-1 (Continued)

Eurofins Midland

interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH-1 (0-1') (880-63838-1), BH-1 (2-3') (880-63838-2), BH-1 (4-5') (880-63838-3), BH-1 (6-7') (880-63838-4), BH-1 (8-9') (880-63838-5), BH-1 (10-11') (880-63838-6), (880-63838-A-1-E MS) and (880-63838-A-1-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH-1 (40') (880-63838-15), BH-2 (2-3') (880-63838-17), BH-2 (4-5') (880-63838-18), BH-2 (6-7') (880-63838-19) and BH-2 (8-9') (880-63838-20). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121193 and analytical batch 880-121234 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 880-121234 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 880-121234/85).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-121193 and analytical batch 880-121234 was outside the control limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-121349 recovered below the limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour limit; therefore, the data have been reported. The associated sample is:(CCV 880-121349/6).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: BH-3 (30') (880-63838-43). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121197 and analytical batch 880-121349 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 880-121197 and analytical batch 880-121349 was outside the control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-121197/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121202 and analytical batch 880-121222 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: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-1

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 12:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/25 10:25	10/15/25 12:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/15/25 10:25	10/15/25 12:08	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			10/15/25 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	<50.0	U	50.0		mg/Kg			10/16/25 01:37	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 F1	50.0		mg/Kg		10/14/25 16:35	10/16/25 01:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		10/14/25 16:35	10/16/25 01:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	57	S1-	70 - 130	10/14/25 16:35	10/16/25 01:37	1
o-Terphenyl (Surr)	62	S1-	70 - 130	10/14/25 16:35	10/16/25 01:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329		9.94		mg/Kg			10/15/25 11:45	1

Client Sample ID: BH-1 (2-3')

Lab Sample ID: 880-63838-2

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 12:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 12:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 10:25	10/15/25 12:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (2-3')

Lab Sample ID: 880-63838-2

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 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	<50.0	U	50.0		mg/Kg			10/16/25 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	44	S1-	70 - 130				10/14/25 16:35	10/16/25 02:20	1
o-Terphenyl (Surr)	49	S1-	70 - 130				10/14/25 16:35	10/16/25 02:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5600		198		mg/Kg			10/15/25 12:01	20

Client Sample ID: BH-1 (4-5')

Lab Sample ID: 880-63838-3

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 12:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/15/25 10:25	10/15/25 12:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/25 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	<49.9	U	49.9		mg/Kg			10/16/25 02:35	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		10/14/25 16:35	10/16/25 02:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 02:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (4-5')

Lab Sample ID: 880-63838-3

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:35	10/16/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	50	S1-	70 - 130				10/14/25 16:35	10/16/25 02:35	1
o-Terphenyl (Surr)	59	S1-	70 - 130				10/14/25 16:35	10/16/25 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13200		199		mg/Kg			10/15/25 12:06	20

Client Sample ID: BH-1 (6-7')

Lab Sample ID: 880-63838-4

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 13:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 10:25	10/15/25 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			10/15/25 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			10/16/25 02:48	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		10/14/25 16:35	10/16/25 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	44	S1-	70 - 130				10/14/25 16:35	10/16/25 02:48	1
o-Terphenyl (Surr)	52	S1-	70 - 130				10/14/25 16:35	10/16/25 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12800		200		mg/Kg			10/15/25 12:11	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (8-9')

Lab Sample ID: 880-63838-5

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/15/25 10:25	10/15/25 13:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/15/25 10:25	10/15/25 13:30	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			10/15/25 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	<49.9	U	49.9		mg/Kg			10/16/25 03:03	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		10/14/25 16:35	10/16/25 03:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	52	S1-	70 - 130	10/14/25 16:35	10/16/25 03:03	1
o-Terphenyl (Surr)	58	S1-	70 - 130	10/14/25 16:35	10/16/25 03:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		10.1		mg/Kg			10/15/25 12:16	1

Client Sample ID: BH-1 (10-11')

Lab Sample ID: 880-63838-6

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 13:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 13:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/15/25 10:25	10/15/25 13:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (10-11')

Lab Sample ID: 880-63838-6

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 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	<50.0	U	50.0		mg/Kg			10/16/25 03:17	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		10/14/25 16:35	10/16/25 03:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:35	10/16/25 03:17	1
o-Terphenyl (Surr)	66	S1-	70 - 130				10/14/25 16:35	10/16/25 03:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9570		202		mg/Kg			10/15/25 12:32	20

Client Sample ID: BH-1 (12-13')

Lab Sample ID: 880-63838-7

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 14:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/15/25 10:25	10/15/25 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			10/15/25 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			10/16/25 03:31	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	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (12-13')

Lab Sample ID: 880-63838-7

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:35	10/16/25 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/14/25 16:35	10/16/25 03:31	1
o-Terphenyl (Surr)	91		70 - 130				10/14/25 16:35	10/16/25 03:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11000		200		mg/Kg			10/15/25 13:47	20

Client Sample ID: BH-1 (14-15')

Lab Sample ID: 880-63838-8

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 10:25	10/15/25 14:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/15/25 10:25	10/15/25 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 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			10/16/25 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				10/14/25 16:35	10/16/25 03:45	1
o-Terphenyl (Surr)	87		70 - 130				10/14/25 16:35	10/16/25 03:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9200		202		mg/Kg			10/15/25 13:52	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (16-17')

Lab Sample ID: 880-63838-9

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 14:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/15/25 10:25	10/15/25 14:52	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/15/25 10:25	10/15/25 14:52	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			10/15/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 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	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	10/14/25 16:35	10/16/25 03:59	1
o-Terphenyl (Surr)	89		70 - 130	10/14/25 16:35	10/16/25 03:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8970		199		mg/Kg			10/15/25 13:57	20

Client Sample ID: BH-1 (18-19')

Lab Sample ID: 880-63838-10

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 15:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 15:13	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/25 10:25	10/15/25 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/15/25 10:25	10/15/25 15:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/15/25 10:25	10/15/25 15:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (18-19')

Lab Sample ID: 880-63838-10

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/25 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 04:13	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	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				10/14/25 16:35	10/16/25 04:13	1
o-Terphenyl (Surr)	78		70 - 130				10/14/25 16:35	10/16/25 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8510		200		mg/Kg			10/15/25 14:02	20

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-63838-11

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 16:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/15/25 10:25	10/15/25 16:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 10:25	10/15/25 16:46	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			10/15/25 16:46	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			10/16/25 04:42	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		10/14/25 16:35	10/16/25 04:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 04:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-63838-11

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:35	10/16/25 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130				10/14/25 16:35	10/16/25 04:42	1
o-Terphenyl (Surr)	83		70 - 130				10/14/25 16:35	10/16/25 04:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8050		199		mg/Kg			10/15/25 14:08	20

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-63838-12

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 10:25	10/15/25 17:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/15/25 10:25	10/15/25 17:06	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			10/15/25 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 04:56	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		10/14/25 16:35	10/16/25 04:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 04:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				10/14/25 16:35	10/16/25 04:56	1
o-Terphenyl (Surr)	87		70 - 130				10/14/25 16:35	10/16/25 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		49.8		mg/Kg			10/15/25 14:23	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (30')

Lab Sample ID: 880-63838-13

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 17:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 17:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/15/25 10:25	10/15/25 17:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/25 10:25	10/15/25 17:27	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			10/15/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 05:10	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	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130	10/14/25 16:35	10/16/25 05:10	1
o-Terphenyl (Surr)	78		70 - 130	10/14/25 16:35	10/16/25 05:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2320		99.2		mg/Kg			10/15/25 14:29	10

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-63838-14

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 17:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 17:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 10:25	10/15/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/15/25 10:25	10/15/25 17:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/15/25 10:25	10/15/25 17:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-63838-14

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 17:47	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			10/16/25 05:24	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		10/14/25 16:35	10/16/25 05:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				10/14/25 16:35	10/16/25 05:24	1
o-Terphenyl (Surr)	85		70 - 130				10/14/25 16:35	10/16/25 05:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	559		9.96		mg/Kg			10/15/25 14:44	1

Client Sample ID: BH-1 (40')

Lab Sample ID: 880-63838-15

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/15/25 10:25	10/15/25 18:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/15/25 10:25	10/15/25 18:08	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			10/15/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 05:39	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		10/14/25 16:35	10/16/25 05:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (40')

Lab Sample ID: 880-63838-15

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:35	10/16/25 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	63	S1-	70 - 130				10/14/25 16:35	10/16/25 05:39	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:35	10/16/25 05:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		9.90		mg/Kg			10/15/25 14:50	1

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

Lab Sample ID: 880-63838-16

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 18:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/15/25 10:25	10/15/25 18:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/15/25 10:25	10/15/25 18:28	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			10/15/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 05:53	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		10/14/25 16:35	10/16/25 05:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130				10/14/25 16:35	10/16/25 05:53	1
o-Terphenyl (Surr)	81		70 - 130				10/14/25 16:35	10/16/25 05:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12700		199		mg/Kg			10/15/25 14:55	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (2-3')

Lab Sample ID: 880-63838-17

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 18:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/25 10:25	10/15/25 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/15/25 10:25	10/15/25 18:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/15/25 10:25	10/15/25 18:48	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			10/15/25 18:48	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			10/16/25 06:09	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	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 06:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 06:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:35	10/16/25 06:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:35	10/16/25 06:09	1
o-Terphenyl (Surr)	64	S1-	70 - 130				10/14/25 16:35	10/16/25 06:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7790		200		mg/Kg			10/15/25 15:00	20

Client Sample ID: BH-2 (4-5')

Lab Sample ID: 880-63838-18

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 19:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:25	10/15/25 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/15/25 10:25	10/15/25 19:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/15/25 10:25	10/15/25 19:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (4-5')

Lab Sample ID: 880-63838-18

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1120		50.0		mg/Kg			10/16/25 06:22	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		10/14/25 16:35	10/16/25 06:22	1
Diesel Range Organics (Over C10-C28)	1120		50.0		mg/Kg		10/14/25 16:35	10/16/25 06:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	60	S1-	70 - 130				10/14/25 16:35	10/16/25 06:22	1
o-Terphenyl (Surr)	74		70 - 130				10/14/25 16:35	10/16/25 06:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6850		99.6		mg/Kg			10/15/25 15:05	10

Client Sample ID: BH-2 (6-7')

Lab Sample ID: 880-63838-19

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 19:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/25 10:25	10/15/25 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/15/25 10:25	10/15/25 19:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/15/25 10:25	10/15/25 19:29	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			10/15/25 19:29	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			10/16/25 06:37	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	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 06:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:35	10/16/25 06:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (6-7')

Lab Sample ID: 880-63838-19

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:35	10/16/25 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	53	S1-	70 - 130				10/14/25 16:35	10/16/25 06:37	1
o-Terphenyl (Surr)	60	S1-	70 - 130				10/14/25 16:35	10/16/25 06:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5340		99.2		mg/Kg			10/15/25 15:10	10

Client Sample ID: BH-2 (8-9')

Lab Sample ID: 880-63838-20

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:25	10/15/25 19:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:25	10/15/25 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/15/25 10:25	10/15/25 19:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/15/25 10:25	10/15/25 19:50	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			10/15/25 19:50	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			10/16/25 06:51	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	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	62	S1-	70 - 130				10/14/25 16:35	10/16/25 06:51	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:35	10/16/25 06:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4390		49.7		mg/Kg			10/15/25 15:16	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (10-11')

Lab Sample ID: 880-63838-21

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		10/15/25 10:33	10/15/25 12:09	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		10/15/25 10:33	10/15/25 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	10/15/25 10:33	10/15/25 12:09	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/15/25 10:33	10/15/25 12:09	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			10/15/25 12:09	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			10/15/25 20:48	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 F1	50.0		mg/Kg		10/14/25 16:36	10/15/25 20:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		10/14/25 16:36	10/15/25 20:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	54	S1-	70 - 130	10/14/25 16:36	10/15/25 20:48	1
o-Terphenyl (Surr)	59	S1-	70 - 130	10/14/25 16:36	10/15/25 20:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300	F1	50.3		mg/Kg			10/15/25 20:52	5

Client Sample ID: BH-2 (12-13')

Lab Sample ID: 880-63838-22

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		10/15/25 10:33	10/15/25 12:29	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		10/15/25 10:33	10/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	10/15/25 10:33	10/15/25 12:29	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/15/25 10:33	10/15/25 12:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (12-13')

Lab Sample ID: 880-63838-22

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 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			10/15/25 21:33	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		10/14/25 16:36	10/15/25 21:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 21:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/15/25 21:33	1
o-Terphenyl (Surr)	61	S1-	70 - 130				10/14/25 16:36	10/15/25 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3470		50.5		mg/Kg			10/15/25 21:10	5

Client Sample ID: BH-2 (14-15')

Lab Sample ID: 880-63838-23

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				10/15/25 10:33	10/15/25 12:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/15/25 10:33	10/15/25 12:50	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			10/15/25 12:50	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			10/15/25 21:49	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 21:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 21:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (14-15')

Lab Sample ID: 880-63838-23

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:36	10/15/25 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	62	S1-	70 - 130				10/14/25 16:36	10/15/25 21:49	1
o-Terphenyl (Surr)	68	S1-	70 - 130				10/14/25 16:36	10/15/25 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		49.8		mg/Kg			10/15/25 21:16	5

Client Sample ID: BH-2 (16-17')

Lab Sample ID: 880-63838-24

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				10/15/25 10:33	10/15/25 13:10	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				10/15/25 10:33	10/15/25 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			10/15/25 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	<49.9	U	49.9		mg/Kg			10/15/25 22:04	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	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	44	S1-	70 - 130				10/14/25 16:36	10/15/25 22:04	1
o-Terphenyl (Surr)	50	S1-	70 - 130				10/14/25 16:36	10/15/25 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		49.6		mg/Kg			10/15/25 21:22	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (18-19')

Lab Sample ID: 880-63838-25

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 13:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 13:31	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	10/15/25 10:33	10/15/25 13:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/15/25 10:33	10/15/25 13:31	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			10/15/25 13:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	55	S1-	70 - 130	10/14/25 16:36	10/15/25 22:20	1
o-Terphenyl (Surr)	61	S1-	70 - 130	10/14/25 16:36	10/15/25 22:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	523		9.94		mg/Kg			10/15/25 21:28	1

Client Sample ID: BH-2 (20')

Lab Sample ID: 880-63838-26

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
m,p-Xylenes	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/15/25 10:33	10/15/25 13:51	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/15/25 10:33	10/15/25 13:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/15/25 10:33	10/15/25 13:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (20')

Lab Sample ID: 880-63838-26

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 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	<50.0	U	50.0		mg/Kg			10/15/25 22:34	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		10/14/25 16:36	10/15/25 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	60	S1-	70 - 130				10/14/25 16:36	10/15/25 22:34	1
o-Terphenyl (Surr)	66	S1-	70 - 130				10/14/25 16:36	10/15/25 22:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	799		9.96		mg/Kg			10/15/25 21:45	1

Client Sample ID: BH-2 (25')

Lab Sample ID: 880-63838-27

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				10/15/25 10:33	10/15/25 14:11	1
1,4-Difluorobenzene (Surr)	74		70 - 130				10/15/25 10:33	10/15/25 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			10/15/25 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			10/15/25 22:50	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	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/15/25 22:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (25')

Lab Sample ID: 880-63838-27

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:36	10/15/25 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/14/25 16:36	10/15/25 22:50	1
o-Terphenyl (Surr)	86		70 - 130				10/14/25 16:36	10/15/25 22:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	687		9.98		mg/Kg			10/15/25 21:51	1

Client Sample ID: BH-2 (30')

Lab Sample ID: 880-63838-28

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/15/25 10:33	10/15/25 14:32	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/15/25 10:33	10/15/25 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/15/25 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	<49.8	U	49.8		mg/Kg			10/15/25 23:04	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		10/14/25 16:36	10/15/25 23:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/15/25 23:04	1
o-Terphenyl (Surr)	60	S1-	70 - 130				10/14/25 16:36	10/15/25 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	766		9.96		mg/Kg			10/16/25 08:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (35')

Lab Sample ID: 880-63838-29

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 14:52	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	10/15/25 10:33	10/15/25 14:52	1
1,4-Difluorobenzene (Surr)	71		70 - 130	10/15/25 10:33	10/15/25 14:52	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			10/15/25 14:52	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			10/15/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/15/25 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130	10/14/25 16:36	10/15/25 23:20	1
o-Terphenyl (Surr)	76		70 - 130	10/14/25 16:36	10/15/25 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		9.92		mg/Kg			10/16/25 08:12	1

Client Sample ID: BH-2 (40')

Lab Sample ID: 880-63838-30

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 15:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
m,p-Xylenes	<0.00403	U **	0.00403		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/15/25 10:33	10/15/25 15:13	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		10/15/25 10:33	10/15/25 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	10/15/25 10:33	10/15/25 15:13	1
1,4-Difluorobenzene (Surr)	127		70 - 130	10/15/25 10:33	10/15/25 15:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (40')

Lab Sample ID: 880-63838-30

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/15/25 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 23:34	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		10/14/25 16:36	10/15/25 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 23:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130				10/14/25 16:36	10/15/25 23:34	1
o-Terphenyl (Surr)	73		70 - 130				10/14/25 16:36	10/15/25 23:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		9.90		mg/Kg			10/16/25 08:18	1

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

Lab Sample ID: 880-63838-31

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 17:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/15/25 10:33	10/15/25 17:07	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/15/25 10:33	10/15/25 17:07	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			10/15/25 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 00:04	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		10/14/25 16:36	10/16/25 00:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 00:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-31

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:36	10/16/25 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				10/14/25 16:36	10/16/25 00:04	1
o-Terphenyl (Surr)	78		70 - 130				10/14/25 16:36	10/16/25 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	301		9.94		mg/Kg			10/15/25 22:02	1

Client Sample ID: BH-3 (2-3')

Lab Sample ID: 880-63838-32

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 17:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				10/15/25 10:33	10/15/25 17:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/15/25 10:33	10/15/25 17:27	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			10/15/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 00:19	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 00:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 00:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130				10/14/25 16:36	10/16/25 00:19	1
o-Terphenyl (Surr)	77		70 - 130				10/14/25 16:36	10/16/25 00:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		9.94		mg/Kg			10/15/25 22:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (4-5')

Lab Sample ID: 880-63838-33

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 17:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		10/15/25 10:33	10/15/25 17:47	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		10/15/25 10:33	10/15/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	10/15/25 10:33	10/15/25 17:47	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/15/25 10:33	10/15/25 17:47	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			10/15/25 17:47	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			10/16/25 00:35	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		10/14/25 16:36	10/16/25 00:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	54	S1-	70 - 130	10/14/25 16:36	10/16/25 00:35	1
o-Terphenyl (Surr)	57	S1-	70 - 130	10/14/25 16:36	10/16/25 00:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		9.94		mg/Kg			10/15/25 22:26	1

Client Sample ID: BH-3 (6-7')

Lab Sample ID: 880-63838-34

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
m,p-Xylenes	<0.00400	U *	0.00400		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:08	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		10/15/25 10:33	10/15/25 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/15/25 10:33	10/15/25 18:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/15/25 10:33	10/15/25 18:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (6-7')

Lab Sample ID: 880-63838-34

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130				10/14/25 16:36	10/16/25 00:49	1
o-Terphenyl (Surr)	77		70 - 130				10/14/25 16:36	10/16/25 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		49.6		mg/Kg			10/16/25 08:39	5

Client Sample ID: BH-3 (8-9')

Lab Sample ID: 880-63838-35

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 18:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				10/15/25 10:33	10/15/25 18:28	1
1,4-Difluorobenzene (Surr)	73		70 - 130				10/15/25 10:33	10/15/25 18:28	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			10/15/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:06	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (8-9')

Lab Sample ID: 880-63838-35

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:36	10/16/25 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/16/25 01:06	1
o-Terphenyl (Surr)	61	S1-	70 - 130				10/14/25 16:36	10/16/25 01:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		49.7		mg/Kg			10/16/25 08:51	5

Client Sample ID: BH-3 (10-11')

Lab Sample ID: 880-63838-36

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 18:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/15/25 10:33	10/15/25 18:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/15/25 10:33	10/15/25 18:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/25 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	56	S1-	70 - 130				10/14/25 16:36	10/16/25 01:20	1
o-Terphenyl (Surr)	60	S1-	70 - 130				10/14/25 16:36	10/16/25 01:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		9.92		mg/Kg			10/15/25 22:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (12-13')

Lab Sample ID: 880-63838-37

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
m,p-Xylenes	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/15/25 10:33	10/15/25 19:09	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/15/25 10:33	10/15/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/15/25 10:33	10/15/25 19:09	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/15/25 10:33	10/15/25 19:09	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			10/15/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 01:36	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		10/14/25 16:36	10/16/25 01:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 01:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	52	S1-	70 - 130	10/14/25 16:36	10/16/25 01:36	1
o-Terphenyl (Surr)	54	S1-	70 - 130	10/14/25 16:36	10/16/25 01:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		9.94		mg/Kg			10/16/25 08:33	1

Client Sample ID: BH-3 (14-15')

Lab Sample ID: 880-63838-38

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 19:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
m,p-Xylenes	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/15/25 10:33	10/15/25 19:29	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/15/25 10:33	10/15/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	10/15/25 10:33	10/15/25 19:29	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/15/25 10:33	10/15/25 19:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (14-15')

Lab Sample ID: 880-63838-38

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 01:51	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				10/14/25 16:36	10/16/25 01:51	1
o-Terphenyl (Surr)	86		70 - 130				10/14/25 16:36	10/16/25 01:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		10.0		mg/Kg			10/15/25 23:03	1

Client Sample ID: BH-3 (16-17')

Lab Sample ID: 880-63838-39

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 19:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
m,p-Xylenes	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
Xylenes, Total	<0.00404	U **	0.00404		mg/Kg		10/15/25 10:33	10/15/25 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				10/15/25 10:33	10/15/25 19:50	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/15/25 10:33	10/15/25 19:50	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			10/15/25 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 02:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 02:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/14/25 16:36	10/16/25 02:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (16-17')

Lab Sample ID: 880-63838-39

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/14/25 16:36	10/16/25 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	66	S1-	70 - 130				10/14/25 16:36	10/16/25 02:06	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:36	10/16/25 02:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		10.1		mg/Kg			10/15/25 23:09	1

Client Sample ID: BH-3 (18-19')

Lab Sample ID: 880-63838-40

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:33	10/15/25 20:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
m,p-Xylenes	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/15/25 10:33	10/15/25 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/15/25 10:33	10/15/25 20:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/15/25 10:33	10/15/25 20:10	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			10/15/25 20:10	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			10/16/25 02:21	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	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130				10/14/25 16:36	10/16/25 02:21	1
o-Terphenyl (Surr)	69	S1-	70 - 130				10/14/25 16:36	10/16/25 02:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	289		10.1		mg/Kg			10/15/25 23:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (20')

Lab Sample ID: 880-63838-41

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:10	10/15/25 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/15/25 10:10	10/15/25 18:35	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/15/25 10:10	10/15/25 18:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/15/25 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	<49.9	U	49.9		mg/Kg			10/16/25 10:42	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	<49.9	U F1	49.9		mg/Kg		10/14/25 16:36	10/16/25 10:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		10/14/25 16:36	10/16/25 10:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/14/25 16:36	10/16/25 10:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130	10/14/25 16:36	10/16/25 10:42	1
o-Terphenyl (Surr)	75		70 - 130	10/14/25 16:36	10/16/25 10:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		9.94		mg/Kg			10/15/25 09:49	1

Client Sample ID: BH-3 (25')

Lab Sample ID: 880-63838-42

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:10	10/15/25 18:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 18:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/25 10:10	10/15/25 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	10/15/25 10:10	10/15/25 18:56	1
1,4-Difluorobenzene (Surr)	118		70 - 130	10/15/25 10:10	10/15/25 18:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (25')

Lab Sample ID: 880-63838-42

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			10/15/25 18:56	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			10/16/25 11:26	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		10/14/25 16:36	10/16/25 11:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				10/14/25 16:36	10/16/25 11:26	1
o-Terphenyl (Surr)	80		70 - 130				10/14/25 16:36	10/16/25 11:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	337		9.96		mg/Kg			10/15/25 10:05	1

Client Sample ID: BH-3 (30')

Lab Sample ID: 880-63838-43

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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		10/15/25 10:10	10/15/25 19:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/25 10:10	10/15/25 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				10/15/25 10:10	10/15/25 19:16	1
1,4-Difluorobenzene (Surr)	119		70 - 130				10/15/25 10:10	10/15/25 19:16	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			10/15/25 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	<50.0	U	50.0		mg/Kg			10/16/25 11:42	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		10/14/25 16:36	10/16/25 11:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (30')
Date Collected: 10/07/25 00:00
Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-43
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130				10/14/25 16:36	10/16/25 11:42	1
o-Terphenyl (Surr)	62	S1-	70 - 130				10/14/25 16:36	10/16/25 11:42	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		9.94		mg/Kg			10/15/25 10:10	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy 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)
880-63836-A-1-C MS	Matrix Spike	103	107
880-63836-A-1-D MSD	Matrix Spike Duplicate	103	112
880-63838-1	BH-1 (0-1')	110	98
880-63838-1 MS	BH-1 (0-1')	99	102
880-63838-1 MSD	BH-1 (0-1')	102	106
880-63838-2	BH-1 (2-3')	107	101
880-63838-3	BH-1 (4-5')	104	98
880-63838-4	BH-1 (6-7')	104	99
880-63838-5	BH-1 (8-9')	108	102
880-63838-6	BH-1 (10-11')	107	100
880-63838-7	BH-1 (12-13')	104	101
880-63838-8	BH-1 (14-15')	105	100
880-63838-9	BH-1 (16-17')	108	102
880-63838-10	BH-1 (18-19')	107	101
880-63838-11	BH-1 (20')	108	99
880-63838-12	BH-1 (25')	105	101
880-63838-13	BH-1 (30')	110	99
880-63838-14	BH-1 (35')	103	97
880-63838-15	BH-1 (40')	104	100
880-63838-16	BH-2 (0-1')	105	98
880-63838-17	BH-2 (2-3')	107	101
880-63838-18	BH-2 (4-5')	106	101
880-63838-19	BH-2 (6-7')	107	99
880-63838-20	BH-2 (8-9')	108	102
880-63838-21	BH-2 (10-11')	169 S1+	88
880-63838-21 MS	BH-2 (10-11')	165 S1+	78
880-63838-21 MSD	BH-2 (10-11')	155 S1+	86
880-63838-22	BH-2 (12-13')	145 S1+	92
880-63838-23	BH-2 (14-15')	150 S1+	89
880-63838-24	BH-2 (16-17')	70	68 S1-
880-63838-25	BH-2 (18-19')	145 S1+	96
880-63838-26	BH-2 (20')	118	99
880-63838-27	BH-2 (25')	142 S1+	74
880-63838-28	BH-2 (30')	100	76
880-63838-29	BH-2 (35')	159 S1+	71
880-63838-30	BH-2 (40')	141 S1+	127
880-63838-31	BH-3 (0-1')	131 S1+	80
880-63838-32	BH-3 (2-3')	140 S1+	96
880-63838-33	BH-3 (4-5')	144 S1+	86
880-63838-34	BH-3 (6-7')	134 S1+	111
880-63838-35	BH-3 (8-9')	153 S1+	73
880-63838-36	BH-3 (10-11')	115	96
880-63838-37	BH-3 (12-13')	109	89
880-63838-38	BH-3 (14-15')	153 S1+	89
880-63838-39	BH-3 (16-17')	149 S1+	80
880-63838-40	BH-3 (18-19')	120	102
880-63838-41	BH-3 (20')	124	112
880-63838-42	BH-3 (25')	129	118
880-63838-43	BH-3 (30')	134 S1+	119

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Surrogate Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy 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)
LCS 880-121220/1-A	Lab Control Sample	102	109
LCS 880-121221/1-A	Lab Control Sample	100	102
LCS 880-121223/1-A	Lab Control Sample	149 S1+	81
LCSD 880-121220/2-A	Lab Control Sample Dup	100	111
LCSD 880-121221/2-A	Lab Control Sample Dup	101	104
LCSD 880-121223/2-A	Lab Control Sample Dup	154 S1+	78
MB 880-121220/5-A	Method Blank	184 S1+	104
MB 880-121221/5-A	Method Blank	106	94
MB 880-121223/5-A	Method Blank	155 S1+	74
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)
880-63838-1	BH-1 (0-1')	57 S1-	62 S1-
880-63838-1 MS	BH-1 (0-1')	42 S1-	38 S1-
880-63838-1 MSD	BH-1 (0-1')	42 S1-	37 S1-
880-63838-2	BH-1 (2-3')	44 S1-	49 S1-
880-63838-3	BH-1 (4-5')	50 S1-	59 S1-
880-63838-4	BH-1 (6-7')	44 S1-	52 S1-
880-63838-5	BH-1 (8-9')	52 S1-	58 S1-
880-63838-6	BH-1 (10-11')	56 S1-	66 S1-
880-63838-7	BH-1 (12-13')	79	91
880-63838-8	BH-1 (14-15')	76	87
880-63838-9	BH-1 (16-17')	79	89
880-63838-10	BH-1 (18-19')	72	78
880-63838-11	BH-1 (20')	75	83
880-63838-12	BH-1 (25')	77	87
880-63838-13	BH-1 (30')	70	78
880-63838-14	BH-1 (35')	78	85
880-63838-15	BH-1 (40')	63 S1-	69 S1-
880-63838-16	BH-2 (0-1')	73	81
880-63838-17	BH-2 (2-3')	56 S1-	64 S1-
880-63838-18	BH-2 (4-5')	60 S1-	74
880-63838-19	BH-2 (6-7')	53 S1-	60 S1-
880-63838-20	BH-2 (8-9')	62 S1-	69 S1-
880-63838-21	BH-2 (10-11')	54 S1-	59 S1-
880-63838-21 MS	BH-2 (10-11')	73	81
880-63838-21 MSD	BH-2 (10-11')	65 S1-	68 S1-
880-63838-22	BH-2 (12-13')	56 S1-	61 S1-
880-63838-23	BH-2 (14-15')	62 S1-	68 S1-
880-63838-24	BH-2 (16-17')	44 S1-	50 S1-
880-63838-25	BH-2 (18-19')	55 S1-	61 S1-
880-63838-26	BH-2 (20')	60 S1-	66 S1-
880-63838-27	BH-2 (25')	79	86

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Surrogate Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy 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)
880-63838-28	BH-2 (30')	56 S1-	60 S1-
880-63838-29	BH-2 (35')	68 S1-	76
880-63838-30	BH-2 (40')	71	73
880-63838-31	BH-3 (0-1')	74	78
880-63838-32	BH-3 (2-3')	68 S1-	77
880-63838-33	BH-3 (4-5')	54 S1-	57 S1-
880-63838-34	BH-3 (6-7')	70	77
880-63838-35	BH-3 (8-9')	56 S1-	61 S1-
880-63838-36	BH-3 (10-11')	56 S1-	60 S1-
880-63838-37	BH-3 (12-13')	52 S1-	54 S1-
880-63838-38	BH-3 (14-15')	78	86
880-63838-39	BH-3 (16-17')	66 S1-	69 S1-
880-63838-40	BH-3 (18-19')	64 S1-	69 S1-
880-63838-41	BH-3 (20')	71	75
880-63838-41 MS	BH-3 (20')	94	91
880-63838-41 MSD	BH-3 (20')	78	87
880-63838-42	BH-3 (25')	78	80
880-63838-43	BH-3 (30')	64 S1-	62 S1-
LCS 880-121193/2-A	Lab Control Sample	114	116
LCS 880-121194/2-A	Lab Control Sample	108	122
LCS 880-121197/2-A	Lab Control Sample	133 S1+	123
LCSD 880-121193/3-A	Lab Control Sample Dup	94	96
LCSD 880-121194/3-A	Lab Control Sample Dup	104	120
LCSD 880-121197/3-A	Lab Control Sample Dup	95	107
MB 880-121193/1-A	Method Blank	68 S1-	77
MB 880-121194/1-A	Method Blank	83	88
MB 880-121197/1-A	Method Blank	69 S1-	77

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121220/5-A

Matrix: Solid

Analysis Batch: 121213

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 10:10	10/15/25 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 10:10	10/15/25 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130	10/15/25 10:10	10/15/25 12:10	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/15/25 10:10	10/15/25 12:10	1

Lab Sample ID: LCS 880-121220/1-A

Matrix: Solid

Analysis Batch: 121213

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09272		mg/Kg		93	70 - 130
Toluene	0.100	0.07242		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.09208		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1745		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08755		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-121220/2-A

Matrix: Solid

Analysis Batch: 121213

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09671		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.07662		mg/Kg		77	70 - 130	6	35
Ethylbenzene	0.100	0.08761		mg/Kg		88	70 - 130	5	35
m,p-Xylenes	0.200	0.1764		mg/Kg		88	70 - 130	1	35
o-Xylene	0.100	0.08468		mg/Kg		85	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-63836-A-1-C MS

Matrix: Solid

Analysis Batch: 121213

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1092		mg/Kg		109	70 - 130
Toluene	<0.00200	U	0.100	0.08842		mg/Kg		88	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63836-A-1-C MS

Matrix: Solid

Analysis Batch: 121213

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09521		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1871		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.1045		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-63836-A-1-D MSD

Matrix: Solid

Analysis Batch: 121213

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121220

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	0.1179		mg/Kg		118	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.09212		mg/Kg		92	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1124		mg/Kg		112	70 - 130	17	35
m,p-Xylenes	<0.00399	U	0.200	0.2277		mg/Kg		114	70 - 130	20	35
o-Xylene	<0.00200	U	0.100	0.1126		mg/Kg		113	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-121221/5-A

Matrix: Solid

Analysis Batch: 121122

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/15/25 08:00	10/15/25 11:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/15/25 08:00	10/15/25 11:47	1

Lab Sample ID: LCS 880-121221/1-A

Matrix: Solid

Analysis Batch: 121122

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09944		mg/Kg		99	70 - 130
Toluene	0.100	0.08870		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09051		mg/Kg		91	70 - 130
m,p-Xylenes	0.200	0.1857		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-121221/1-A

Matrix: Solid

Analysis Batch: 121122

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09027		mg/Kg		90	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 880-121221/2-A

Matrix: Solid

Analysis Batch: 121122

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121221

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1031		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.09135		mg/Kg		91	70 - 130	3	35
Ethylbenzene	0.100	0.09239		mg/Kg		92	70 - 130	2	35
m,p-Xylenes	0.200	0.1913		mg/Kg		96	70 - 130	3	35
o-Xylene	0.100	0.09385		mg/Kg		94	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-63838-1 MS

Matrix: Solid

Analysis Batch: 121122

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

Prep Type: Total/NA

Prep Batch: 121221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1109		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09901		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09940		mg/Kg		99	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2036		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U	0.100	0.09853		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-63838-1 MSD

Matrix: Solid

Analysis Batch: 121122

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

Prep Type: Total/NA

Prep Batch: 121221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1110		mg/Kg		111	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09861		mg/Kg		99	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09869		mg/Kg		99	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.2017		mg/Kg		101	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09741		mg/Kg		97	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-1 MSD

Matrix: Solid

Analysis Batch: 121122

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

Prep Type: Total/NA

Prep Batch: 121221

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-121223/5-A

Matrix: Solid

Analysis Batch: 121212

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121223

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1	
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/25 08:00	10/15/25 11:47	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/25 08:00	10/15/25 11:47	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				10/15/25 08:00	10/15/25 11:47	1	
1,4-Difluorobenzene (Surr)	74		70 - 130				10/15/25 08:00	10/15/25 11:47	1	

Lab Sample ID: LCS 880-121223/1-A

Matrix: Solid

Analysis Batch: 121212

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121223

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1161		mg/Kg		116	70 - 130			
Toluene	0.100	0.1119		mg/Kg		112	70 - 130			
Ethylbenzene	0.100	0.1195		mg/Kg		119	70 - 130			
m,p-Xylenes	0.200	0.2496		mg/Kg		125	70 - 130			
o-Xylene	0.100	0.1258		mg/Kg		126	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130							
1,4-Difluorobenzene (Surr)	81		70 - 130							

Lab Sample ID: LCSD 880-121223/2-A

Matrix: Solid

Analysis Batch: 121212

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121223

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1152		mg/Kg		115	70 - 130	1	35
Toluene			0.100	0.1190		mg/Kg		119	70 - 130	6	35
Ethylbenzene			0.100	0.1290		mg/Kg		129	70 - 130	8	35
m,p-Xylenes			0.200	0.2749	*+	mg/Kg		137	70 - 130	10	35
o-Xylene			0.100	0.1380	*+	mg/Kg		138	70 - 130	9	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-121223/2-A

Matrix: Solid

Analysis Batch: 121212

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121223

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 880-63838-21 MS

Matrix: Solid

Analysis Batch: 121212

Client Sample ID: BH-2 (10-11')

Prep Type: Total/NA

Prep Batch: 121223

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.09753		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1103		mg/Kg		110	70 - 130
m,p-Xylenes	<0.00399	U *	0.200	0.2380		mg/Kg		119	70 - 130
o-Xylene	<0.00200	U *	0.100	0.1187		mg/Kg		119	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: 880-63838-21 MSD

Matrix: Solid

Analysis Batch: 121212

Client Sample ID: BH-2 (10-11')

Prep Type: Total/NA

Prep Batch: 121223

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1079		mg/Kg		108	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.1034		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1093		mg/Kg		109	70 - 130	1	35
m,p-Xylenes	<0.00399	U *	0.200	0.2284		mg/Kg		114	70 - 130	4	35
o-Xylene	<0.00200	U *	0.100	0.1136		mg/Kg		114	70 - 130	4	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

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

Lab Sample ID: MB 880-121193/1-A

Matrix: Solid

Analysis Batch: 121234

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121193

	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		10/14/25 16:35	10/16/25 00:41		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 00:41		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:35	10/16/25 00:41		1

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane (Surr)	68	S1-	70 - 130	10/14/25 16:35	10/16/25 00:41		1			
o-Terphenyl (Surr)	77		70 - 130	10/14/25 16:35	10/16/25 00:41		1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-121193/2-A

Matrix: Solid

Analysis Batch: 121234

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121193

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits		
			Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10			1000	863.2		mg/Kg		86		70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1025		mg/Kg		103		70 - 130		
Surrogate	LCS	LCS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane (Surr)	114		70 - 130									
o-Terphenyl (Surr)	116		70 - 130									

Lab Sample ID: LCSD 880-121193/3-A

Matrix: Solid

Analysis Batch: 121234

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121193

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	752.9		mg/Kg		75	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	844.5		mg/Kg		84	70 - 130	19	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	94		70 - 130								
o-Terphenyl (Surr)	96		70 - 130								

Lab Sample ID: 880-63838-1 MS

Matrix: Solid

Analysis Batch: 121234

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

Prep Type: Total/NA

Prep Batch: 121193

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	367.6	F1	mg/Kg		37	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	415.6	F1	mg/Kg		42	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	42	S1-	70 - 130								
o-Terphenyl (Surr)	38	S1-	70 - 130								

Lab Sample ID: 880-63838-1 MSD

Matrix: Solid

Analysis Batch: 121234

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

Prep Type: Total/NA

Prep Batch: 121193

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	387.5	F1	mg/Kg		39	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	416.1	F1	mg/Kg		42	70 - 130	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	42	S1-	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-1 MSD

Matrix: Solid

Analysis Batch: 121234

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

Prep Type: Total/NA

Prep Batch: 121193

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	37	S1-	70 - 130

Lab Sample ID: MB 880-121194/1-A

Matrix: Solid

Analysis Batch: 121271

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121194

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/15/25 19:47	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/14/25 16:36	10/15/25 19:47	1
<i>o</i> -Terphenyl (Surr)	88		70 - 130				10/14/25 16:36	10/15/25 19:47	1

Lab Sample ID: LCS 880-121194/2-A

Matrix: Solid

Analysis Batch: 121271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	866.1		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	891.4		mg/Kg		89	70 - 130
Surrogate	LCS	LCS	Limits				
1-Chlorooctane (Surr)	108		70 - 130				
<i>o</i> -Terphenyl (Surr)	122		70 - 130				

Lab Sample ID: LCSD 880-121194/3-A

Matrix: Solid

Analysis Batch: 121271

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121194

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	805.1		mg/Kg		81	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	858.2		mg/Kg		86	70 - 130	4	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
<i>o</i> -Terphenyl (Surr)	120		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-21 MS

Matrix: Solid

Analysis Batch: 121271

Client Sample ID: BH-2 (10-11')

Prep Type: Total/NA

Prep Batch: 121194

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	396.8	F1	mg/Kg		40	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	370.9	F1	mg/Kg		37	70 - 130	
Surrogate	MS	MS	Limits							
	%Recovery	Qualifier								
1-Chlorooctane (Surr)	73		70 - 130							
o-Terphenyl (Surr)	81		70 - 130							

Lab Sample ID: 880-63838-21 MSD

Matrix: Solid

Analysis Batch: 121271

Client Sample ID: BH-2 (10-11')

Prep Type: Total/NA

Prep Batch: 121194

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	351.5	F1	mg/Kg		35	70 - 130		12	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	320.7	F1	mg/Kg		32	70 - 130		15	20
Surrogate	MSD	MSD	Limits									
	%Recovery	Qualifier										
1-Chlorooctane (Surr)	65	S1-	70 - 130									
o-Terphenyl (Surr)	68	S1-	70 - 130									

Lab Sample ID: MB 880-121197/1-A

Matrix: Solid

Analysis Batch: 121349

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121197

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		10/14/25 16:36	10/16/25 03:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 03:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/14/25 16:36	10/16/25 03:06	1
Surrogate	MB	MB	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	69	S1-	70 - 130						
o-Terphenyl (Surr)	77		70 - 130						

Lab Sample ID: LCS 880-121197/2-A

Matrix: Solid

Analysis Batch: 121349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121197

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	981.2		mg/Kg		98	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	904.2		mg/Kg		90	70 - 130	

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-121197/2-A

Matrix: Solid

Analysis Batch: 121349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121197

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-121197/3-A

Matrix: Solid

Analysis Batch: 121349

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121197

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	865.1		mg/Kg		87	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	1000	803.7		mg/Kg		80	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: 880-63838-41 MS

Matrix: Solid

Analysis Batch: 121349

Client Sample ID: BH-3 (20')

Prep Type: Total/NA

Prep Batch: 121197

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 F1	1000	649.3	F1	mg/Kg		65	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	572.3	F1	mg/Kg		57	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-63838-41 MSD

Matrix: Solid

Analysis Batch: 121349

Client Sample ID: BH-3 (20')

Prep Type: Total/NA

Prep Batch: 121197

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 F1	1000	649.7	F1	mg/Kg		65	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	603.4	F1	mg/Kg		60	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	78		70 - 130
o-Terphenyl (Surr)	87		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121206/1-A

Matrix: Solid

Analysis Batch: 121211

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			10/15/25 09:33	1

Lab Sample ID: LCS 880-121206/2-A

Matrix: Solid

Analysis Batch: 121211

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-121206/3-A

Matrix: Solid

Analysis Batch: 121211

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	262.1		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-63838-41 MS

Matrix: Solid

Analysis Batch: 121211

Client Sample ID: BH-3 (20')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	274		249	521.2		mg/Kg		99	90 - 110

Lab Sample ID: 880-63838-41 MSD

Matrix: Solid

Analysis Batch: 121211

Client Sample ID: BH-3 (20')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	274		249	522.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-121201/1-A

Matrix: Solid

Analysis Batch: 121216

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			10/15/25 11:29	1

Lab Sample ID: LCS 880-121201/2-A

Matrix: Solid

Analysis Batch: 121216

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-121201/3-A

Matrix: Solid

Analysis Batch: 121216

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	263.0		mg/Kg		105	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-63838-1 MS

Matrix: Solid

Analysis Batch: 121216

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	329		249	567.6		mg/Kg		96	90 - 110

Lab Sample ID: 880-63838-1 MSD

Matrix: Solid

Analysis Batch: 121216

Client Sample ID: BH-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	329		249	567.6		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-63838-11 MS

Matrix: Solid

Analysis Batch: 121216

Client Sample ID: BH-1 (20')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8050		4980	13240		mg/Kg		104	90 - 110

Lab Sample ID: 880-63838-11 MSD

Matrix: Solid

Analysis Batch: 121216

Client Sample ID: BH-1 (20')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8050		4980	13260		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-121202/1-A

Matrix: Solid

Analysis Batch: 121222

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			10/15/25 20:35	1

Lab Sample ID: LCS 880-121202/2-A

Matrix: Solid

Analysis Batch: 121222

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.9		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-121202/3-A

Matrix: Solid

Analysis Batch: 121222

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	273.7		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-63838-21 MS

Matrix: Solid

Analysis Batch: 121222

Client Sample ID: BH-2 (10-11')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3300	F1	1260	5092	F1	mg/Kg		143	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-63838-21 MSD										Client Sample ID: BH-2 (10-11')		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 121222												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	3300	F1	1260	5101	F1	mg/Kg		143	90 - 110	0	20	

Lab Sample ID: 880-63838-31 MS										Client Sample ID: BH-3 (0-1')		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 121222												
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	301		249	526.2		mg/Kg		91	90 - 110			

Lab Sample ID: 880-63838-31 MSD										Client Sample ID: BH-3 (0-1')		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 121222												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	301		249	526.4		mg/Kg		91	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 121122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8021B	121221
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8021B	121221
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8021B	121221
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8021B	121221
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8021B	121221
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8021B	121221
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8021B	121221
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8021B	121221
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8021B	121221
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8021B	121221
880-63838-11	BH-1 (20')	Total/NA	Solid	8021B	121221
880-63838-12	BH-1 (25')	Total/NA	Solid	8021B	121221
880-63838-13	BH-1 (30')	Total/NA	Solid	8021B	121221
880-63838-14	BH-1 (35')	Total/NA	Solid	8021B	121221
880-63838-15	BH-1 (40')	Total/NA	Solid	8021B	121221
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8021B	121221
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8021B	121221
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8021B	121221
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8021B	121221
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8021B	121221
MB 880-121221/5-A	Method Blank	Total/NA	Solid	8021B	121221
LCS 880-121221/1-A	Lab Control Sample	Total/NA	Solid	8021B	121221
LCSD 880-121221/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121221
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	8021B	121221
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	8021B	121221

Analysis Batch: 121212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8021B	121223
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8021B	121223
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8021B	121223
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8021B	121223
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8021B	121223
880-63838-26	BH-2 (20')	Total/NA	Solid	8021B	121223
880-63838-27	BH-2 (25')	Total/NA	Solid	8021B	121223
880-63838-28	BH-2 (30')	Total/NA	Solid	8021B	121223
880-63838-29	BH-2 (35')	Total/NA	Solid	8021B	121223
880-63838-30	BH-2 (40')	Total/NA	Solid	8021B	121223
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8021B	121223
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8021B	121223
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8021B	121223
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8021B	121223
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8021B	121223
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8021B	121223
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8021B	121223
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8021B	121223
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8021B	121223
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8021B	121223
MB 880-121223/5-A	Method Blank	Total/NA	Solid	8021B	121223
LCS 880-121223/1-A	Lab Control Sample	Total/NA	Solid	8021B	121223
LCSD 880-121223/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121223

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 121212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	8021B	121223
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	8021B	121223

Analysis Batch: 121213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	8021B	121220
880-63838-42	BH-3 (25')	Total/NA	Solid	8021B	121220
880-63838-43	BH-3 (30')	Total/NA	Solid	8021B	121220
MB 880-121220/5-A	Method Blank	Total/NA	Solid	8021B	121220
LCS 880-121220/1-A	Lab Control Sample	Total/NA	Solid	8021B	121220
LCSD 880-121220/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121220
880-63836-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	121220
880-63836-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121220

Prep Batch: 121220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	5035	
880-63838-42	BH-3 (25')	Total/NA	Solid	5035	
880-63838-43	BH-3 (30')	Total/NA	Solid	5035	
MB 880-121220/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121220/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121220/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63836-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-63836-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 121221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	5035	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	5035	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	5035	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	5035	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	5035	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	5035	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	5035	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	5035	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	5035	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	5035	
880-63838-11	BH-1 (20')	Total/NA	Solid	5035	
880-63838-12	BH-1 (25')	Total/NA	Solid	5035	
880-63838-13	BH-1 (30')	Total/NA	Solid	5035	
880-63838-14	BH-1 (35')	Total/NA	Solid	5035	
880-63838-15	BH-1 (40')	Total/NA	Solid	5035	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	5035	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	5035	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	5035	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	5035	
880-63838-20	BH-2 (8-9')	Total/NA	Solid	5035	
MB 880-121221/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121221/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121221/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Prep Batch: 121221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 121223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	5035	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	5035	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	5035	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	5035	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	5035	
880-63838-26	BH-2 (20')	Total/NA	Solid	5035	
880-63838-27	BH-2 (25')	Total/NA	Solid	5035	
880-63838-28	BH-2 (30')	Total/NA	Solid	5035	
880-63838-29	BH-2 (35')	Total/NA	Solid	5035	
880-63838-30	BH-2 (40')	Total/NA	Solid	5035	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	5035	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	5035	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	5035	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	5035	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	5035	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	5035	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	5035	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	5035	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	5035	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	5035	
MB 880-121223/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121223/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121223/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	5035	
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	5035	

Analysis Batch: 121356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	Total BTEX	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	Total BTEX	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	Total BTEX	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	Total BTEX	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	Total BTEX	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	Total BTEX	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	Total BTEX	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	Total BTEX	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	Total BTEX	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	Total BTEX	
880-63838-11	BH-1 (20')	Total/NA	Solid	Total BTEX	
880-63838-12	BH-1 (25')	Total/NA	Solid	Total BTEX	
880-63838-13	BH-1 (30')	Total/NA	Solid	Total BTEX	
880-63838-14	BH-1 (35')	Total/NA	Solid	Total BTEX	
880-63838-15	BH-1 (40')	Total/NA	Solid	Total BTEX	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	Total BTEX	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	Total BTEX	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	Total BTEX	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC VOA (Continued)

Analysis Batch: 121356 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-20	BH-2 (8-9')	Total/NA	Solid	Total BTEX	
880-63838-21	BH-2 (10-11')	Total/NA	Solid	Total BTEX	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	Total BTEX	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	Total BTEX	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	Total BTEX	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	Total BTEX	
880-63838-26	BH-2 (20')	Total/NA	Solid	Total BTEX	
880-63838-27	BH-2 (25')	Total/NA	Solid	Total BTEX	
880-63838-28	BH-2 (30')	Total/NA	Solid	Total BTEX	
880-63838-29	BH-2 (35')	Total/NA	Solid	Total BTEX	
880-63838-30	BH-2 (40')	Total/NA	Solid	Total BTEX	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	Total BTEX	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	Total BTEX	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	Total BTEX	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	Total BTEX	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	Total BTEX	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	Total BTEX	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	Total BTEX	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	Total BTEX	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	Total BTEX	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	Total BTEX	
880-63838-41	BH-3 (20')	Total/NA	Solid	Total BTEX	
880-63838-42	BH-3 (25')	Total/NA	Solid	Total BTEX	
880-63838-43	BH-3 (30')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8015NM Prep	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8015NM Prep	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8015NM Prep	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8015NM Prep	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8015NM Prep	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8015NM Prep	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8015NM Prep	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8015NM Prep	
880-63838-11	BH-1 (20')	Total/NA	Solid	8015NM Prep	
880-63838-12	BH-1 (25')	Total/NA	Solid	8015NM Prep	
880-63838-13	BH-1 (30')	Total/NA	Solid	8015NM Prep	
880-63838-14	BH-1 (35')	Total/NA	Solid	8015NM Prep	
880-63838-15	BH-1 (40')	Total/NA	Solid	8015NM Prep	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8015NM Prep	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8015NM Prep	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8015NM Prep	
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8015NM Prep	
MB 880-121193/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121193/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Prep Batch: 121193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-121193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8015NM Prep	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8015NM Prep	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8015NM Prep	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8015NM Prep	
880-63838-26	BH-2 (20')	Total/NA	Solid	8015NM Prep	
880-63838-27	BH-2 (25')	Total/NA	Solid	8015NM Prep	
880-63838-28	BH-2 (30')	Total/NA	Solid	8015NM Prep	
880-63838-29	BH-2 (35')	Total/NA	Solid	8015NM Prep	
880-63838-30	BH-2 (40')	Total/NA	Solid	8015NM Prep	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8015NM Prep	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8015NM Prep	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8015NM Prep	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8015NM Prep	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8015NM Prep	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8015NM Prep	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8015NM Prep	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8015NM Prep	
MB 880-121194/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121194/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121194/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	8015NM Prep	
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	8015NM Prep	
880-63838-42	BH-3 (25')	Total/NA	Solid	8015NM Prep	
880-63838-43	BH-3 (30')	Total/NA	Solid	8015NM Prep	
MB 880-121197/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121197/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121197/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63838-41 MS	BH-3 (20')	Total/NA	Solid	8015NM Prep	
880-63838-41 MSD	BH-3 (20')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8015B NM	121193
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8015B NM	121193
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8015B NM	121193
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8015B NM	121193
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8015B NM	121193
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8015B NM	121193

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8015B NM	121193
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8015B NM	121193
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8015B NM	121193
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8015B NM	121193
880-63838-11	BH-1 (20')	Total/NA	Solid	8015B NM	121193
880-63838-12	BH-1 (25')	Total/NA	Solid	8015B NM	121193
880-63838-13	BH-1 (30')	Total/NA	Solid	8015B NM	121193
880-63838-14	BH-1 (35')	Total/NA	Solid	8015B NM	121193
880-63838-15	BH-1 (40')	Total/NA	Solid	8015B NM	121193
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8015B NM	121193
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8015B NM	121193
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8015B NM	121193
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8015B NM	121193
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8015B NM	121193
MB 880-121193/1-A	Method Blank	Total/NA	Solid	8015B NM	121193
LCS 880-121193/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121193
LCSD 880-121193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121193
880-63838-1 MS	BH-1 (0-1')	Total/NA	Solid	8015B NM	121193
880-63838-1 MSD	BH-1 (0-1')	Total/NA	Solid	8015B NM	121193

Analysis Batch: 121271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8015B NM	121194
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8015B NM	121194
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8015B NM	121194
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8015B NM	121194
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8015B NM	121194
880-63838-26	BH-2 (20')	Total/NA	Solid	8015B NM	121194
880-63838-27	BH-2 (25')	Total/NA	Solid	8015B NM	121194
880-63838-28	BH-2 (30')	Total/NA	Solid	8015B NM	121194
880-63838-29	BH-2 (35')	Total/NA	Solid	8015B NM	121194
880-63838-30	BH-2 (40')	Total/NA	Solid	8015B NM	121194
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8015B NM	121194
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8015B NM	121194
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8015B NM	121194
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8015B NM	121194
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8015B NM	121194
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8015B NM	121194
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8015B NM	121194
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8015B NM	121194
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8015B NM	121194
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8015B NM	121194
MB 880-121194/1-A	Method Blank	Total/NA	Solid	8015B NM	121194
LCS 880-121194/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121194
LCSD 880-121194/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121194
880-63838-21 MS	BH-2 (10-11')	Total/NA	Solid	8015B NM	121194
880-63838-21 MSD	BH-2 (10-11')	Total/NA	Solid	8015B NM	121194

Analysis Batch: 121349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Total/NA	Solid	8015B NM	121197

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-42	BH-3 (25')	Total/NA	Solid	8015B NM	121197
880-63838-43	BH-3 (30')	Total/NA	Solid	8015B NM	121197
MB 880-121197/1-A	Method Blank	Total/NA	Solid	8015B NM	121197
LCS 880-121197/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121197
LCSD 880-121197/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121197
880-63838-41 MS	BH-3 (20')	Total/NA	Solid	8015B NM	121197
880-63838-41 MSD	BH-3 (20')	Total/NA	Solid	8015B NM	121197

Analysis Batch: 121389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Total/NA	Solid	8015 NM	
880-63838-2	BH-1 (2-3')	Total/NA	Solid	8015 NM	
880-63838-3	BH-1 (4-5')	Total/NA	Solid	8015 NM	
880-63838-4	BH-1 (6-7')	Total/NA	Solid	8015 NM	
880-63838-5	BH-1 (8-9')	Total/NA	Solid	8015 NM	
880-63838-6	BH-1 (10-11')	Total/NA	Solid	8015 NM	
880-63838-7	BH-1 (12-13')	Total/NA	Solid	8015 NM	
880-63838-8	BH-1 (14-15')	Total/NA	Solid	8015 NM	
880-63838-9	BH-1 (16-17')	Total/NA	Solid	8015 NM	
880-63838-10	BH-1 (18-19')	Total/NA	Solid	8015 NM	
880-63838-11	BH-1 (20')	Total/NA	Solid	8015 NM	
880-63838-12	BH-1 (25')	Total/NA	Solid	8015 NM	
880-63838-13	BH-1 (30')	Total/NA	Solid	8015 NM	
880-63838-14	BH-1 (35')	Total/NA	Solid	8015 NM	
880-63838-15	BH-1 (40')	Total/NA	Solid	8015 NM	
880-63838-16	BH-2 (0-1')	Total/NA	Solid	8015 NM	
880-63838-17	BH-2 (2-3')	Total/NA	Solid	8015 NM	
880-63838-18	BH-2 (4-5')	Total/NA	Solid	8015 NM	
880-63838-19	BH-2 (6-7')	Total/NA	Solid	8015 NM	
880-63838-20	BH-2 (8-9')	Total/NA	Solid	8015 NM	
880-63838-21	BH-2 (10-11')	Total/NA	Solid	8015 NM	
880-63838-22	BH-2 (12-13')	Total/NA	Solid	8015 NM	
880-63838-23	BH-2 (14-15')	Total/NA	Solid	8015 NM	
880-63838-24	BH-2 (16-17')	Total/NA	Solid	8015 NM	
880-63838-25	BH-2 (18-19')	Total/NA	Solid	8015 NM	
880-63838-26	BH-2 (20')	Total/NA	Solid	8015 NM	
880-63838-27	BH-2 (25')	Total/NA	Solid	8015 NM	
880-63838-28	BH-2 (30')	Total/NA	Solid	8015 NM	
880-63838-29	BH-2 (35')	Total/NA	Solid	8015 NM	
880-63838-30	BH-2 (40')	Total/NA	Solid	8015 NM	
880-63838-31	BH-3 (0-1')	Total/NA	Solid	8015 NM	
880-63838-32	BH-3 (2-3')	Total/NA	Solid	8015 NM	
880-63838-33	BH-3 (4-5')	Total/NA	Solid	8015 NM	
880-63838-34	BH-3 (6-7')	Total/NA	Solid	8015 NM	
880-63838-35	BH-3 (8-9')	Total/NA	Solid	8015 NM	
880-63838-36	BH-3 (10-11')	Total/NA	Solid	8015 NM	
880-63838-37	BH-3 (12-13')	Total/NA	Solid	8015 NM	
880-63838-38	BH-3 (14-15')	Total/NA	Solid	8015 NM	
880-63838-39	BH-3 (16-17')	Total/NA	Solid	8015 NM	
880-63838-40	BH-3 (18-19')	Total/NA	Solid	8015 NM	
880-63838-41	BH-3 (20')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121389 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-42	BH-3 (25')	Total/NA	Solid	8015 NM	
880-63838-43	BH-3 (30')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 121201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-63838-2	BH-1 (2-3')	Soluble	Solid	DI Leach	
880-63838-3	BH-1 (4-5')	Soluble	Solid	DI Leach	
880-63838-4	BH-1 (6-7')	Soluble	Solid	DI Leach	
880-63838-5	BH-1 (8-9')	Soluble	Solid	DI Leach	
880-63838-6	BH-1 (10-11')	Soluble	Solid	DI Leach	
880-63838-7	BH-1 (12-13')	Soluble	Solid	DI Leach	
880-63838-8	BH-1 (14-15')	Soluble	Solid	DI Leach	
880-63838-9	BH-1 (16-17')	Soluble	Solid	DI Leach	
880-63838-10	BH-1 (18-19')	Soluble	Solid	DI Leach	
880-63838-11	BH-1 (20')	Soluble	Solid	DI Leach	
880-63838-12	BH-1 (25')	Soluble	Solid	DI Leach	
880-63838-13	BH-1 (30')	Soluble	Solid	DI Leach	
880-63838-14	BH-1 (35')	Soluble	Solid	DI Leach	
880-63838-15	BH-1 (40')	Soluble	Solid	DI Leach	
880-63838-16	BH-2 (0-1')	Soluble	Solid	DI Leach	
880-63838-17	BH-2 (2-3')	Soluble	Solid	DI Leach	
880-63838-18	BH-2 (4-5')	Soluble	Solid	DI Leach	
880-63838-19	BH-2 (6-7')	Soluble	Solid	DI Leach	
880-63838-20	BH-2 (8-9')	Soluble	Solid	DI Leach	
MB 880-121201/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121201/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121201/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63838-1 MS	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-63838-1 MSD	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-63838-11 MS	BH-1 (20')	Soluble	Solid	DI Leach	
880-63838-11 MSD	BH-1 (20')	Soluble	Solid	DI Leach	

Leach Batch: 121202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Soluble	Solid	DI Leach	
880-63838-22	BH-2 (12-13')	Soluble	Solid	DI Leach	
880-63838-23	BH-2 (14-15')	Soluble	Solid	DI Leach	
880-63838-24	BH-2 (16-17')	Soluble	Solid	DI Leach	
880-63838-25	BH-2 (18-19')	Soluble	Solid	DI Leach	
880-63838-26	BH-2 (20')	Soluble	Solid	DI Leach	
880-63838-27	BH-2 (25')	Soluble	Solid	DI Leach	
880-63838-28	BH-2 (30')	Soluble	Solid	DI Leach	
880-63838-29	BH-2 (35')	Soluble	Solid	DI Leach	
880-63838-30	BH-2 (40')	Soluble	Solid	DI Leach	
880-63838-31	BH-3 (0-1')	Soluble	Solid	DI Leach	
880-63838-32	BH-3 (2-3')	Soluble	Solid	DI Leach	
880-63838-33	BH-3 (4-5')	Soluble	Solid	DI Leach	
880-63838-34	BH-3 (6-7')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 121202 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-35	BH-3 (8-9')	Soluble	Solid	DI Leach	
880-63838-36	BH-3 (10-11')	Soluble	Solid	DI Leach	
880-63838-37	BH-3 (12-13')	Soluble	Solid	DI Leach	
880-63838-38	BH-3 (14-15')	Soluble	Solid	DI Leach	
880-63838-39	BH-3 (16-17')	Soluble	Solid	DI Leach	
880-63838-40	BH-3 (18-19')	Soluble	Solid	DI Leach	
MB 880-121202/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121202/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121202/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63838-21 MS	BH-2 (10-11')	Soluble	Solid	DI Leach	
880-63838-21 MSD	BH-2 (10-11')	Soluble	Solid	DI Leach	
880-63838-31 MS	BH-3 (0-1')	Soluble	Solid	DI Leach	
880-63838-31 MSD	BH-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 121206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Soluble	Solid	DI Leach	
880-63838-42	BH-3 (25')	Soluble	Solid	DI Leach	
880-63838-43	BH-3 (30')	Soluble	Solid	DI Leach	
MB 880-121206/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121206/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121206/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63838-41 MS	BH-3 (20')	Soluble	Solid	DI Leach	
880-63838-41 MSD	BH-3 (20')	Soluble	Solid	DI Leach	

Analysis Batch: 121211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-41	BH-3 (20')	Soluble	Solid	300.0	121206
880-63838-42	BH-3 (25')	Soluble	Solid	300.0	121206
880-63838-43	BH-3 (30')	Soluble	Solid	300.0	121206
MB 880-121206/1-A	Method Blank	Soluble	Solid	300.0	121206
LCS 880-121206/2-A	Lab Control Sample	Soluble	Solid	300.0	121206
LCSD 880-121206/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121206
880-63838-41 MS	BH-3 (20')	Soluble	Solid	300.0	121206
880-63838-41 MSD	BH-3 (20')	Soluble	Solid	300.0	121206

Analysis Batch: 121216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-1	BH-1 (0-1')	Soluble	Solid	300.0	121201
880-63838-2	BH-1 (2-3')	Soluble	Solid	300.0	121201
880-63838-3	BH-1 (4-5')	Soluble	Solid	300.0	121201
880-63838-4	BH-1 (6-7')	Soluble	Solid	300.0	121201
880-63838-5	BH-1 (8-9')	Soluble	Solid	300.0	121201
880-63838-6	BH-1 (10-11')	Soluble	Solid	300.0	121201
880-63838-7	BH-1 (12-13')	Soluble	Solid	300.0	121201
880-63838-8	BH-1 (14-15')	Soluble	Solid	300.0	121201
880-63838-9	BH-1 (16-17')	Soluble	Solid	300.0	121201
880-63838-10	BH-1 (18-19')	Soluble	Solid	300.0	121201
880-63838-11	BH-1 (20')	Soluble	Solid	300.0	121201
880-63838-12	BH-1 (25')	Soluble	Solid	300.0	121201
880-63838-13	BH-1 (30')	Soluble	Solid	300.0	121201

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Analysis Batch: 121216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-14	BH-1 (35')	Soluble	Solid	300.0	121201
880-63838-15	BH-1 (40')	Soluble	Solid	300.0	121201
880-63838-16	BH-2 (0-1')	Soluble	Solid	300.0	121201
880-63838-17	BH-2 (2-3')	Soluble	Solid	300.0	121201
880-63838-18	BH-2 (4-5')	Soluble	Solid	300.0	121201
880-63838-19	BH-2 (6-7')	Soluble	Solid	300.0	121201
880-63838-20	BH-2 (8-9')	Soluble	Solid	300.0	121201
MB 880-121201/1-A	Method Blank	Soluble	Solid	300.0	121201
LCS 880-121201/2-A	Lab Control Sample	Soluble	Solid	300.0	121201
LCSD 880-121201/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121201
880-63838-1 MS	BH-1 (0-1')	Soluble	Solid	300.0	121201
880-63838-1 MSD	BH-1 (0-1')	Soluble	Solid	300.0	121201
880-63838-11 MS	BH-1 (20')	Soluble	Solid	300.0	121201
880-63838-11 MSD	BH-1 (20')	Soluble	Solid	300.0	121201

Analysis Batch: 121222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63838-21	BH-2 (10-11')	Soluble	Solid	300.0	121202
880-63838-22	BH-2 (12-13')	Soluble	Solid	300.0	121202
880-63838-23	BH-2 (14-15')	Soluble	Solid	300.0	121202
880-63838-24	BH-2 (16-17')	Soluble	Solid	300.0	121202
880-63838-25	BH-2 (18-19')	Soluble	Solid	300.0	121202
880-63838-26	BH-2 (20')	Soluble	Solid	300.0	121202
880-63838-27	BH-2 (25')	Soluble	Solid	300.0	121202
880-63838-28	BH-2 (30')	Soluble	Solid	300.0	121202
880-63838-29	BH-2 (35')	Soluble	Solid	300.0	121202
880-63838-30	BH-2 (40')	Soluble	Solid	300.0	121202
880-63838-31	BH-3 (0-1')	Soluble	Solid	300.0	121202
880-63838-32	BH-3 (2-3')	Soluble	Solid	300.0	121202
880-63838-33	BH-3 (4-5')	Soluble	Solid	300.0	121202
880-63838-34	BH-3 (6-7')	Soluble	Solid	300.0	121202
880-63838-35	BH-3 (8-9')	Soluble	Solid	300.0	121202
880-63838-36	BH-3 (10-11')	Soluble	Solid	300.0	121202
880-63838-37	BH-3 (12-13')	Soluble	Solid	300.0	121202
880-63838-38	BH-3 (14-15')	Soluble	Solid	300.0	121202
880-63838-39	BH-3 (16-17')	Soluble	Solid	300.0	121202
880-63838-40	BH-3 (18-19')	Soluble	Solid	300.0	121202
MB 880-121202/1-A	Method Blank	Soluble	Solid	300.0	121202
LCS 880-121202/2-A	Lab Control Sample	Soluble	Solid	300.0	121202
LCSD 880-121202/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121202
880-63838-21 MS	BH-2 (10-11')	Soluble	Solid	300.0	121202
880-63838-21 MSD	BH-2 (10-11')	Soluble	Solid	300.0	121202
880-63838-31 MS	BH-3 (0-1')	Soluble	Solid	300.0	121202
880-63838-31 MSD	BH-3 (0-1')	Soluble	Solid	300.0	121202

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Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-1

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 01:37	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 11:45	CS	EET MID

Client Sample ID: BH-1 (2-3')

Lab Sample ID: 880-63838-2

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 02:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:01	CS	EET MID

Client Sample ID: BH-1 (4-5')

Lab Sample ID: 880-63838-3

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 02:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:06	CS	EET MID

Client Sample ID: BH-1 (6-7')

Lab Sample ID: 880-63838-4

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:10	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (6-7')

Lab Sample ID: 880-63838-4

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/16/25 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 02:48	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:11	CS	EET MID

Client Sample ID: BH-1 (8-9')

Lab Sample ID: 880-63838-5

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 12:16	CS	EET MID

Client Sample ID: BH-1 (10-11')

Lab Sample ID: 880-63838-6

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 12:32	CS	EET MID

Client Sample ID: BH-1 (12-13')

Lab Sample ID: 880-63838-7

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:31	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (12-13')

Lab Sample ID: 880-63838-7

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 13:47	CS	EET MID

Client Sample ID: BH-1 (14-15')

Lab Sample ID: 880-63838-8

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 13:52	CS	EET MID

Client Sample ID: BH-1 (16-17')

Lab Sample ID: 880-63838-9

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 03:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 03:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 13:57	CS	EET MID

Client Sample ID: BH-1 (18-19')

Lab Sample ID: 880-63838-10

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 15:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 04:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 14:02	CS	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-63838-11

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 16:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 04:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 04:42	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 14:08	CS	EET MID

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-63838-12

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 04:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 04:56	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		5			121216	10/15/25 14:23	CS	EET MID

Client Sample ID: BH-1 (30')

Lab Sample ID: 880-63838-13

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 05:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:10	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		10			121216	10/15/25 14:29	CS	EET MID

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-63838-14

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:47	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-63838-14

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/16/25 05:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 14:44	CS	EET MID

Client Sample ID: BH-1 (40')

Lab Sample ID: 880-63838-15

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 05:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:39	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		1			121216	10/15/25 14:50	CS	EET MID

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

Lab Sample ID: 880-63838-16

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 05:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 05:53	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 14:55	CS	EET MID

Client Sample ID: BH-2 (2-3')

Lab Sample ID: 880-63838-17

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:09	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (2-3')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-17

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	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		20			121216	10/15/25 15:00	CS	EET MID

Client Sample ID: BH-2 (4-5')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-18

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	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:22	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		10			121216	10/15/25 15:05	CS	EET MID

Client Sample ID: BH-2 (6-7')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-19

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			4.95 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:37	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		10			121216	10/15/25 15:10	CS	EET MID

Client Sample ID: BH-2 (8-9')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-20

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			4.97 g	5 mL	121221	10/15/25 10:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121122	10/15/25 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 06:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121193	10/14/25 16:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121234	10/16/25 06:51	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121201	10/14/25 17:00	SA	EET MID
Soluble	Analysis	300.0		5			121216	10/15/25 15:16	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (10-11')

Lab Sample ID: 880-63838-21

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 20:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 20:52	CS	EET MID

Client Sample ID: BH-2 (12-13')

Lab Sample ID: 880-63838-22

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 21:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 21:33	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 21:10	CS	EET MID

Client Sample ID: BH-2 (14-15')

Lab Sample ID: 880-63838-23

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 12:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 21:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 21:49	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 21:16	CS	EET MID

Client Sample ID: BH-2 (16-17')

Lab Sample ID: 880-63838-24

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:10	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (16-17')

Lab Sample ID: 880-63838-24

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/15/25 22:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/15/25 21:22	CS	EET MID

Client Sample ID: BH-2 (18-19')

Lab Sample ID: 880-63838-25

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 22:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:20	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 21:28	CS	EET MID

Client Sample ID: BH-2 (20')

Lab Sample ID: 880-63838-26

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 22:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 21:45	CS	EET MID

Client Sample ID: BH-2 (25')

Lab Sample ID: 880-63838-27

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 22:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 22:50	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-2 (25')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-27

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			5.01 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 21:51	CS	EET MID

Client Sample ID: BH-2 (30')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-28

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 23:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 23:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:06	CS	EET MID

Client Sample ID: BH-2 (35')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-29

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			4.97 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 23:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 23:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:12	CS	EET MID

Client Sample ID: BH-2 (40')

Date Collected: 10/07/25 00:00

Date Received: 10/14/25 16:04

Lab Sample ID: 880-63838-30

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			4.96 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 15:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/15/25 23:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/15/25 23:34	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:18	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

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

Lab Sample ID: 880-63838-31

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 00:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:04	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:02	CS	EET MID

Client Sample ID: BH-3 (2-3')

Lab Sample ID: 880-63838-32

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 00:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:19	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:20	CS	EET MID

Client Sample ID: BH-3 (4-5')

Lab Sample ID: 880-63838-33

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 17:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 00:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:35	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:26	CS	EET MID

Client Sample ID: BH-3 (6-7')

Lab Sample ID: 880-63838-34

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:08	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (6-7')

Lab Sample ID: 880-63838-34

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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			121389	10/16/25 00:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 00:49	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/16/25 08:39	CS	EET MID

Client Sample ID: BH-3 (8-9')

Lab Sample ID: 880-63838-35

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:06	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		5			121222	10/16/25 08:51	CS	EET MID

Client Sample ID: BH-3 (10-11')

Lab Sample ID: 880-63838-36

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 22:55	CS	EET MID

Client Sample ID: BH-3 (12-13')

Lab Sample ID: 880-63838-37

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:36	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (12-13')

Lab Sample ID: 880-63838-37

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/16/25 08:33	CS	EET MID

Client Sample ID: BH-3 (14-15')

Lab Sample ID: 880-63838-38

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 01:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 01:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 23:03	CS	EET MID

Client Sample ID: BH-3 (16-17')

Lab Sample ID: 880-63838-39

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 02:06	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 23:09	CS	EET MID

Client Sample ID: BH-3 (18-19')

Lab Sample ID: 880-63838-40

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121223	10/15/25 10:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121212	10/15/25 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 20:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 02:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121194	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121271	10/16/25 02:21	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121202	10/14/25 17:03	SA	EET MID
Soluble	Analysis	300.0		1			121222	10/15/25 23:15	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Client Sample ID: BH-3 (20')

Lab Sample ID: 880-63838-41

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121220	10/15/25 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121213	10/15/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 10:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121197	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121349	10/16/25 10:42	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121206	10/15/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			121211	10/15/25 09:49	CS	EET MID

Client Sample ID: BH-3 (25')

Lab Sample ID: 880-63838-42

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

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	121220	10/15/25 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121213	10/15/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 11:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121197	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121349	10/16/25 11:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121206	10/15/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			121211	10/15/25 10:05	CS	EET MID

Client Sample ID: BH-3 (30')

Lab Sample ID: 880-63838-43

Date Collected: 10/07/25 00:00

Matrix: Solid

Date Received: 10/14/25 16:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121220	10/15/25 10:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121213	10/15/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121356	10/15/25 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			121389	10/16/25 11:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121197	10/14/25 16:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121349	10/16/25 11:42	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121206	10/15/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			121211	10/15/25 10:10	CS	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: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy 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	06-30-26
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: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy 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: Graham Cracker 2-1

Job ID: 880-63838-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63838-1	BH-1 (0-1')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-2	BH-1 (2-3')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-3	BH-1 (4-5')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-4	BH-1 (6-7')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-5	BH-1 (8-9')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-6	BH-1 (10-11')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-7	BH-1 (12-13')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-8	BH-1 (14-15')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-9	BH-1 (16-17')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-10	BH-1 (18-19')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-11	BH-1 (20')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-12	BH-1 (25')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-13	BH-1 (30')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-14	BH-1 (35')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-15	BH-1 (40')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-16	BH-2 (0-1')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-17	BH-2 (2-3')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-18	BH-2 (4-5')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-19	BH-2 (6-7')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-20	BH-2 (8-9')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-21	BH-2 (10-11')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-22	BH-2 (12-13')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-23	BH-2 (14-15')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-24	BH-2 (16-17')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-25	BH-2 (18-19')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-26	BH-2 (20')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-27	BH-2 (25')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-28	BH-2 (30')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-29	BH-2 (35')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-30	BH-2 (40')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-31	BH-3 (0-1')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-32	BH-3 (2-3')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-33	BH-3 (4-5')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-34	BH-3 (6-7')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-35	BH-3 (8-9')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-36	BH-3 (10-11')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-37	BH-3 (12-13')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-38	BH-3 (14-15')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-39	BH-3 (16-17')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-40	BH-3 (18-19')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-41	BH-3 (20')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-42	BH-3 (25')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico
880-63838-43	BH-3 (30')	Solid	10/07/25 00:00	10/14/25 16:04	New Mexico

Eurofins Midland

Chain of Custody

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880-63838 Chain of Custody

Page 1 of 5

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:	mcarmona@carmonarresources.com

Work Order Comments	
Program: UST/PST	PRP
State of Project:	growfields
Reporting Level II	Level III
Deliverables: EDD	ADAPT
	Other:

Project Name:		Graham Cracker 2-1		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		2463		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Eddy County, New Mexico		Due Date:		72 HR																Cool: Cool MeOH: Me					
Sampler's Name:		JM & JR																				HCL: HC HNO ₃ : HN					
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Well Ice:		☒ Yes ☐ No		Parameters																	
Received In tact:		☒ Yes ☐ No		Thermometer ID:				128																			
Cooler Custody Seals:		☒ Yes ☐ No		Correction Factor:				0.1																			
Sample Custody Seals:		☒ Yes ☐ No		Temperature Reading:				-2.6																			
Total Containers:				Corrected Temperature:				-2.7																			
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont														Sample Comments	
BH-1 (0-1')		10/7/2025				X				G		1		X													
BH-1 (2-3')		10/7/2025				X				G		1		X													
BH-1 (4-5')		10/7/2025				X				G		1		X													
BH-1 (6-7')		10/7/2025				X				G		1		X													
BH-1 (8-9')		10/7/2025				X				G		1		X													
BH-1 (10-11')		10/7/2025				X				G		1		X													
BH-1 (12-13')		10/7/2025				X				G		1		X													
BH-1 (14-15')		10/7/2025				X				G		1		X													
BH-1 (16-17')		10/7/2025				X				G		1		X													
BH-1 (18-19')		10/7/2025				X				G		1		X													

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/14/25 1604		

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Work Order No: _____

Page 2 of 5

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:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Iperfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:		Graham Cracker 2-1		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2463		☐ Routine ☒ Rush																None: NO DI Water: H ₂ O							
Project Location:		Eddy County, New Mexico		Due Date:		72 HR														Cool: Cool MeOH: Me							
Sampler's Name:		JM & 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 In tact:		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	
BH-1 (20')		10/7/2025				X				G		1		BTEX 8021B													
BH-1 (25')		10/7/2025				X				G		1		TPH 8015M (GRO + DRO + MRO)													
BH-1 (30')		10/7/2025				X				G		1		Chloride 300.0													
BH-1 (35')		10/7/2025				X				G		1															
BH-1 (40')		10/7/2025				X				G		1															
BH-2 (0-1')		10/7/2025				X				G		1															
BH-2 (2-3')		10/7/2025				X				G		1															
BH-2 (4-5')		10/7/2025				X				G		1															
BH-2 (6-7')		10/7/2025				X				G		1															
BH-2 (8-9')		10/7/2025				X				G		1															

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		10/14/25					

Work Order No: _____

Page 3 of 5

[illegible]

Chain of Custody

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Work Order No: _____

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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:	mcarmona@carmonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Graham Cracker 2-1		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2463		☐ Routine ☒ Rush																		None: NO DI Water: H ₂ O					
Project Location:		Eddy County, New Mexico		Due Date:		72 HR																Cool: Cool MeOH: Me					
Sampler's Name:		JM & 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	
BH-3 (0-1')		10/7/2025				X				G		1		BTX 8021B													
BH-3 (2-3')		10/7/2025				X				G		1		TPH 8015M (GRO + DRO + MRO)													
BH-3 (4-5')		10/7/2025				X				G		1		Chloride 300.0													
BH-3 (6-7')		10/7/2025				X				G		1															
BH-3 (8-9')		10/7/2025				X				G		1															
BH-3 (10-11')		10/7/2025				X				G		1															
BH-3 (12-13')		10/7/2025				X				G		1															
BH-3 (14-15')		10/7/2025				X				G		1															
BH-3 (16-17')		10/7/2025				X				G		1															
BH-3 (18-19')		10/7/2025				X				G		1															

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		10/14/25					

Chain of Custody

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Work Order No: _____

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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:	mcarmona@carmonarresources.com

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

Project Name:		Graham Cracker 2-1		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2463		☐ Routine ☒ Rush																None: NO DI Water: H ₂ O							
Project Location:		Eddy County, New Mexico		Due Date:		72 HR														Cool: Cool MeOH: Me							
Sampler's Name:		JM & 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: SPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
BH-3 (10-11)		10/7/2025				X				G		1		X													
BH-3 (12-13)		10/7/2025				X				G		1		X													
BH-3 (14-15)		10/7/2025				X				G		1		X													
BH-3 (16-17)		10/7/2025				X				G		1		X													
BH-3 (18-19)		10/7/2025				X				G		1		X													
BH-3 (20)		10/7/2025				X				G		1		X													
BH-3 (25)		10/7/2025				X				G		1		X													
BH-3 (30)		10/7/2025				X				G		1		X													

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
[Signature]		10/14/25		[Signature]			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63838-1

SDG Number: Eddy County New Mexico

Login Number: 63838

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	

Arcadis U.S., Inc.
1330 Post Oak Blvd., Suite 2250
Houston
Texas 77056
Phone: 713 953 4800
www.arcadis.com

Arcadis. Improving quality of life.

Appendix D

NMOCD Correspondence

Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov>



↩ Reply

↩ Reply all

To: ● Nixon, Justin

Cc: ☉ Tavarez, Ike

⚠ This sender shelly.wells@emnrd.nm.gov is from outside your organization.

Arcadis Warning: Exercise caution with email messages from external sources such as this message. Always verify the sender and avoid clicking on links or scanning QR codes unless certain of their authenticity.

Hi Justin,

I am in receipt of both of your messages. Because this release is out of compliance, an extension can not be granted. A karst survey is not required to be conducted for the means of remediating to Table I standards, as this release (located in medium karst) occurred prior to the Karst Potential Occurrence Zones Press Release of December 1, 2024. Should it lie within any of the setbacks listed in 19.15.29.1 release must be treated as if it occurred less than 50 feet to ground water in Table I.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

Appendix E

Laboratory Analytical Reports



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Justin Nixon
Arcadis US Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 5/13/2026 11:15:18 AM Revision 1

JOB DESCRIPTION

graham craker 2 state 1H

JOB NUMBER

890-9895-2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

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
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Generated
5/13/2026 11:15:18 AM
Revision 1

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Laboratory Job ID: 890-9895-2

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Definitions/Glossary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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)

Eurofins Carlsbad

Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

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Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 880-71105-1

Eurofins Midland

Job Narrative 880-71105-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 4/16/2026 4:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

GC VOA

Method 8012B: The continuing calibration verification (CCV) associated with batch 880-139012 recovered above the upper control limit for Benzene and Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139012/20).

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

Diesel Range Organics

Method 8015B NM: The method blank for preparation batch 880-138247 and analytical batch 880-138804 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138247 and analytical batch 880-138804 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-138247 and analytical batch 880-138804 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-138804 recovered outside control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-138804/57).

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: Backfill (880-71105-1). 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 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138081 and analytical batch 880-138085 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 Carlsbad

Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9809-1

Eurofins Carlsbad

Job Narrative
890-9809-1

REVISION

The report being provided is a revision of the original report sent on 4/22/2026. The report (revision 1) is being revised due to Revised report to activate on-hold samples per client request..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/20/2026 4:35 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 4.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: B-1-4 (890-9809-1), B-2-4 (890-9809-2), B-3-4 (890-9809-3), B-6-4 (890-9809-4), B-7-4 (890-9809-5), B-8-4 (890-9809-6), B-9-4 (890-9809-7), B-10-4 (890-9809-8), B-11-4 (890-9809-9) and SW-1-0-4 (890-9809-10).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: B-1-4 (890-9809-1), B-2-4 (890-9809-2), B-3-4 (890-9809-3), B-6-4 (890-9809-4), (LCS 880-139444/1-A), (LCSD 880-139444/2-A), (880-71586-A-36-F), (880-71586-A-36-D MS) and (880-71586-A-36-E MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139444 and analytical batch 880-139433 was outside the upper control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-139433 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139433/33).

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

Diesel Range Organics

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138399 and analytical batch 880-138554 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.

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Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9836-1

Eurofins Carlsbad

Job Narrative 890-9836-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/23/2026 4:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-2-0-4 (890-9836-1), B-4 -4 (890-9836-2), B-12 -4 (890-9836-3), B-13 -4 (890-9836-4), B-14 -4 (890-9836-5), B-15 -4 (890-9836-6), B-16 -4 (890-9836-7), B-17 -4 (890-9836-8), B-18 -4 (890-9836-9), B-19 -4 (890-9836-10), B-20 -4 (890-9836-11), B-21 -4 (890-9836-12), B-22 -4 (890-9836-13) and SW-3-0-4 (890-9836-14).

Eurofins Carlsbad

Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9836-2

Eurofins Carlsbad

Job Narrative
890-9836-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/23/2026 4:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-2-0-4 (890-9836-1), B-4 -4 (890-9836-2), B-12 -4 (890-9836-3), B-13 -4 (890-9836-4), B-14 -4 (890-9836-5), B-15 -4 (890-9836-6), B-16 -4 (890-9836-7), B-17 -4 (890-9836-8), B-18 -4 (890-9836-9), B-19 -4 (890-9836-10), B-20 -4 (890-9836-11), B-21 -4 (890-9836-12), B-22 -4 (890-9836-13) and SW-3-0-4 (890-9836-14).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139684 and analytical batch 880-139715 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 880-139480 and 880-139684 and analytical batch 880-139715 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-19 -4 (890-9836-10). 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 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139727 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. The associated sample is:(CCV 880-139727/32).

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: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9874-1

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Job Narrative
890-9874-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/30/2026 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 1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-4-0-4 (890-9874-1), SW-5-0-4 (890-9874-2), SW-6-0-4 (890-9874-3), SW-7-0-4 (890-9874-4), B-23-4 (890-9874-5), B-24-4 (890-9874-6), B-25-4 (890-9874-7), B-26-4 (890-9874-8), B-27-4 (890-9874-9), B-28-4 (890-9874-10), B-29-4 (890-9874-11), B-30-4 (890-9874-12), B-31-4 (890-9874-13), B-32-4 (890-9874-14), B-33-4 (890-9874-15), B-34-4 (890-9874-16), B-35-4 (890-9874-17), B-36-4 (890-9874-18), B-37-4 (890-9874-19), B-38-4 (890-9874-20), B-39-4 (890-9874-21), B-40-4 (890-9874-22), B-46-4 (890-9874-23), B-47-4 (890-9874-24), B-48-4 (890-9874-25), B-49-4 (890-9874-26), B-50-4 (890-9874-27), B-51-4 (890-9874-28), B-52-4 (890-9874-29), B-53-4 (890-9874-30), B-54-4 (890-9874-31), B-55-4 (890-9874-32), B-5-13 (890-9874-33), SW-12-4-13 (890-9874-34), SW-13-4-13 (890-9874-35), B-41-4 (890-9874-36), B-42-4 (890-9874-37), B-43-4 (890-9874-38), B-44-4 (890-9874-39), B-45-4 (890-9874-40), B-56-4 (890-9874-41), B-57-4 (890-9874-42), B-58-4 (890-9874-43), B-59-4 (890-9874-44) and B-60-4 (890-9874-45).

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139569 and analytical batch 880-139580 were outside control limits for Chloride. 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.

The associated samples are: B-23-4 (890-9874-5), B-24-4 (890-9874-6), B-25-4 (890-9874-7), B-26-4 (890-9874-8), B-27-4 (890-9874-9), B-28-4 (890-9874-10), B-29-4 (890-9874-11), B-30-4 (890-9874-12), (890-9874-A-5-B MS) and (890-9874-A-5-C MSD).

Method 300.0 - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-139570 and analytical batch 880-139615 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

(890-9874-A-13-B MS) and (890-9874-A-13-C MSD)

Method 300.0 - Soluble: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-139570 and analytical batch 880-139615 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

The associated samples are: (890-9874-A-13-B MS) and (890-9874-A-13-C MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139571 and analytical batch 880-139616 were outside control limits for Chloride. 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.

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Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9874-1 (Continued)

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The associated samples are: B-54-4 (890-9874-31), B-55-4 (890-9874-32), B-5-13 (890-9874-33), SW-12-4-13 (890-9874-34), SW-13-4-13 (890-9874-35), B-41-4 (890-9874-36), B-42-4 (890-9874-37), B-43-4 (890-9874-38), B-44-4 (890-9874-39), B-45-4 (890-9874-40), (CCV 880-139616/13), (890-9874-A-31-B MS) and (890-9874-A-31-C MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139571 and analytical batch 880-139616 were outside control limits for Chloride . 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.

The associated samples are: B-56-4 (890-9874-41), B-57-4 (890-9874-42), B-58-4 (890-9874-43), B-59-4 (890-9874-44), B-60-4 (890-9874-45), (890-9874-A-41-B MS) and (890-9874-A-41-C MSD).

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: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9874-2

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Job Narrative
890-9874-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/30/2026 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 1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-4-0-4 (890-9874-1), SW-5-0-4 (890-9874-2), SW-6-0-4 (890-9874-3), SW-7-0-4 (890-9874-4), B-23-4 (890-9874-5), B-24-4 (890-9874-6), B-25-4 (890-9874-7), B-26-4 (890-9874-8), B-27-4 (890-9874-9), B-28-4 (890-9874-10), B-29-4 (890-9874-11), B-30-4 (890-9874-12), B-31-4 (890-9874-13), B-32-4 (890-9874-14), B-33-4 (890-9874-15), B-34-4 (890-9874-16), B-35-4 (890-9874-17), B-36-4 (890-9874-18), B-37-4 (890-9874-19), B-38-4 (890-9874-20), B-39-4 (890-9874-21), B-40-4 (890-9874-22), B-46-4 (890-9874-23), B-47-4 (890-9874-24), B-48-4 (890-9874-25), B-49-4 (890-9874-26), B-50-4 (890-9874-27), B-51-4 (890-9874-28), B-52-4 (890-9874-29), B-53-4 (890-9874-30), B-54-4 (890-9874-31), B-55-4 (890-9874-32), B-5-13 (890-9874-33), SW-12-4-13 (890-9874-34), SW-13-4-13 (890-9874-35), B-41-4 (890-9874-36), B-42-4 (890-9874-37), B-43-4 (890-9874-38), B-44-4 (890-9874-39), B-45-4 (890-9874-40), B-56-4 (890-9874-41), B-57-4 (890-9874-42), B-58-4 (890-9874-43), B-59-4 (890-9874-44) and B-60-4 (890-9874-45).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139832 and analytical batch 880-140124 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: B-39-4 (890-9874-21), B-40-4 (890-9874-22), B-46-4 (890-9874-23), B-48-4 (890-9874-25), B-49-4 (890-9874-26), B-50-4 (890-9874-27), B-51-4 (890-9874-28), B-52-4 (890-9874-29), B-53-4 (890-9874-30), B-54-4 (890-9874-31), B-55-4 (890-9874-32), SW-12-4-13 (890-9874-34), SW-13-4-13 (890-9874-35), B-42-4 (890-9874-37), B-43-4 (890-9874-38), B-44-4 (890-9874-39), B-45-4 (890-9874-40), (CCV 880-140124/33), (890-9874-A-21-E MS) and (890-9874-A-21-F MSD). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: B-26-4 (890-9874-8) and B-27-4 (890-9874-9). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-140108 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. The associated sample is: (CCV 880-140108/83).

Method 8015B NM: Surrogate recovery for the following samples were outside the upper control limit: B-39-4 (890-9874-21), B-40-4 (890-9874-22), B-46-4 (890-9874-23), B-47-4 (890-9874-24), B-48-4 (890-9874-25), B-49-4 (890-9874-26), B-50-4 (890-9874-27), B-51-4 (890-9874-28), B-52-4 (890-9874-29), B-53-4 (890-9874-30), B-54-4 (890-9874-31), B-55-4 (890-9874-32), B-5-13 (890-9874-33), SW-12-4-13 (890-9874-34), SW-13-4-13 (890-9874-35), B-41-4 (890-9874-36), B-42-4 (890-9874-37), B-43-4 (890-9874-38), B-44-4 (890-9874-39) and B-45-4 (890-9874-40). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (890-9874-A-21-C MS) and

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Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9874-2 (Continued)

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(890-9874-A-21-D MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139638 and analytical batch 880-140110 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 8015B NM: Surrogate recovery for the following sample was outside control limits: B-60-4 (890-9874-45). Evidence of matrix interferences is not obvious.

Method 8015B NM: The method blank for preparation batch 880-139638 and analytical batch 880-140110 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9895-1

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Job Narrative 890-9895-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/5/2026 3:25 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 0.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: B-61-4 (890-9895-1), B-62-4 (890-9895-2), B-63-4 (890-9895-3), SW-10-0-4 (890-9895-4), SW-8-0-4 (890-9895-5), SW-9-0-4 (890-9895-6) and B-64-4 (890-9895-7).

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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Case Narrative

Client: Arcadis US Inc.
Project: graham craker 2 state 1H

Job ID: 890-9895-2

Job ID: 890-9895-2

Eurofins Carlsbad

Job Narrative 890-9895-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/5/2026 3:25 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 0.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: B-61-4 (890-9895-1), B-62-4 (890-9895-2), B-63-4 (890-9895-3), SW-10-0-4 (890-9895-4), SW-8-0-4 (890-9895-5), SW-9-0-4 (890-9895-6) and B-64-4 (890-9895-7).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-10-0-4 (890-9895-4), SW-8-0-4 (890-9895-5), SW-9-0-4 (890-9895-6) and B-64-4 (890-9895-7). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-140190 and analytical batch 880-140129 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 8015B NM: The method blank for preparation batch 880-140262 and analytical batch 880-140272 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: Backfill

Date Collected: 04/14/26 12:30

Date Received: 04/16/26 16:25

Lab Sample ID: 880-71105-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/26/26 17:01	04/27/26 00:11	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/26/26 17:01	04/27/26 00:11	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/26/26 17:01	04/27/26 00:11	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		04/26/26 17:01	04/27/26 00:11	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/26/26 17:01	04/27/26 00:11	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		04/26/26 17:01	04/27/26 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/26/26 17:01	04/27/26 00:11	1
1,4-Difluorobenzene (Surr)	118		70 - 130	04/26/26 17:01	04/27/26 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.4	J	50.1	15.1	mg/Kg			04/24/26 03:31	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	25.9	J F1 F2	50.1	14.5	mg/Kg		04/19/26 17:38	04/24/26 03:31	1
Diesel Range Organics (Over C10-C28)	23.5	J B *1 F1 F2	50.1	15.1	mg/Kg		04/19/26 17:38	04/24/26 03:31	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		04/19/26 17:38	04/24/26 03:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	04/19/26 17:38	04/24/26 03:31	1
o-Terphenyl	54	S1-	70 - 130	04/19/26 17:38	04/24/26 03:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.5	F1	10.0	0.396	mg/Kg			04/16/26 22:21	1

Client Sample ID: B-1-4

Date Collected: 04/17/26 10:18

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		04/30/26 09:29	04/30/26 13:31	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		04/30/26 09:29	04/30/26 13:31	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		04/30/26 09:29	04/30/26 13:31	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		04/30/26 09:29	04/30/26 13:31	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		04/30/26 09:29	04/30/26 13:31	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		04/30/26 09:29	04/30/26 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130	04/30/26 09:29	04/30/26 13:31	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/30/26 09:29	04/30/26 13:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			04/30/26 13:31	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-1-4

Lab Sample ID: 890-9809-1

Date Collected: 04/17/26 10:18

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.7	J	50.1	15.1	mg/Kg			05/02/26 07:40	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	<14.5	U	50.1	14.5	mg/Kg		04/29/26 10:36	05/02/26 07:40	1
Diesel Range Organics (Over C10-C28)	16.7	J	50.1	15.1	mg/Kg		04/29/26 10:36	05/02/26 07:40	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		04/29/26 10:36	05/02/26 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				04/29/26 10:36	05/02/26 07:40	1
o-Terphenyl	96		70 - 130				04/29/26 10:36	05/02/26 07:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	758		10.0	0.397	mg/Kg			04/22/26 09:43	1

Client Sample ID: B-2-4

Lab Sample ID: 890-9809-2

Date Collected: 04/17/26 10:20

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		04/30/26 09:29	04/30/26 13:51	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		04/30/26 09:29	04/30/26 13:51	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		04/30/26 09:29	04/30/26 13:51	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		04/30/26 09:29	04/30/26 13:51	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		04/30/26 09:29	04/30/26 13:51	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		04/30/26 09:29	04/30/26 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130				04/30/26 09:29	04/30/26 13:51	1
1,4-Difluorobenzene (Surr)	74		70 - 130				04/30/26 09:29	04/30/26 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			04/30/26 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	<15.1	U	50.0	15.1	mg/Kg			05/02/26 08:23	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	<14.5	U	50.0	14.5	mg/Kg		04/29/26 10:36	05/02/26 08:23	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 08:23	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 08:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				04/29/26 10:36	05/02/26 08:23	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-2-4

Lab Sample ID: 890-9809-2

Date Collected: 04/17/26 10:20

Matrix: Solid

Date Received: 04/20/26 16:35

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		70 - 130	04/29/26 10:36	05/02/26 08:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1510		50.5	1.99	mg/Kg			04/22/26 09:48	5

Client Sample ID: B-3-4

Lab Sample ID: 890-9809-3

Date Collected: 04/17/26 10:22

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		04/30/26 09:29	04/30/26 14:12	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		04/30/26 09:29	04/30/26 14:12	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		04/30/26 09:29	04/30/26 14:12	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		04/30/26 09:29	04/30/26 14:12	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		04/30/26 09:29	04/30/26 14:12	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		04/30/26 09:29	04/30/26 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130				04/30/26 09:29	04/30/26 14:12	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/30/26 09:29	04/30/26 14:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			04/30/26 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/02/26 08:37	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	<14.5	U	50.1	14.5	mg/Kg		04/29/26 10:36	05/02/26 08:37	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		04/29/26 10:36	05/02/26 08:37	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		04/29/26 10:36	05/02/26 08:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				04/29/26 10:36	05/02/26 08:37	1
o-Terphenyl	100		70 - 130				04/29/26 10:36	05/02/26 08:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7390		100	3.96	mg/Kg			04/22/26 09:53	10

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-6-4

Lab Sample ID: 890-9809-4

Date Collected: 04/17/26 10:28

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	04/30/26 09:29	04/30/26 14:33	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	04/30/26 09:29	04/30/26 14:33	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	04/30/26 09:29	04/30/26 14:33	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg	-	04/30/26 09:29	04/30/26 14:33	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	04/30/26 09:29	04/30/26 14:33	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg	-	04/30/26 09:29	04/30/26 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130	04/30/26 09:29	04/30/26 14:33	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/30/26 09:29	04/30/26 14:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg	-		04/30/26 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.4	J	50.2	15.2	mg/Kg	-		05/02/26 08:51	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	15.4	J	50.2	14.6	mg/Kg	-	04/29/26 10:36	05/02/26 08:51	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg	-	04/29/26 10:36	05/02/26 08:51	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg	-	04/29/26 10:36	05/02/26 08:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	04/29/26 10:36	05/02/26 08:51	1
o-Terphenyl	102		70 - 130	04/29/26 10:36	05/02/26 08:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6530		99.4	3.93	mg/Kg	-		04/22/26 09:58	10

Client Sample ID: B-7-4

Lab Sample ID: 890-9809-5

Date Collected: 04/17/26 10:30

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	04/30/26 09:29	04/30/26 16:07	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	04/30/26 09:29	04/30/26 16:07	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	04/30/26 09:29	04/30/26 16:07	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg	-	04/30/26 09:29	04/30/26 16:07	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	04/30/26 09:29	04/30/26 16:07	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg	-	04/30/26 09:29	04/30/26 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130	04/30/26 09:29	04/30/26 16:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/30/26 09:29	04/30/26 16:07	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-7-4

Lab Sample ID: 890-9809-5

Date Collected: 04/17/26 10:30

Matrix: Solid

Date Received: 04/20/26 16:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			04/30/26 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/02/26 09:05	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	14.8	J	50.0	14.5	mg/Kg		04/29/26 10:36	05/02/26 09:05	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 09:05	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 09:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				04/29/26 10:36	05/02/26 09:05	1
o-Terphenyl	102		70 - 130				04/29/26 10:36	05/02/26 09:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6620		99.6	3.93	mg/Kg			04/22/26 10:02	10

Client Sample ID: B-8-4

Lab Sample ID: 890-9809-6

Date Collected: 04/17/26 10:32

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		04/30/26 09:29	04/30/26 16:27	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		04/30/26 09:29	04/30/26 16:27	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		04/30/26 09:29	04/30/26 16:27	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		04/30/26 09:29	04/30/26 16:27	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		04/30/26 09:29	04/30/26 16:27	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		04/30/26 09:29	04/30/26 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130				04/30/26 09:29	04/30/26 16:27	1
1,4-Difluorobenzene (Surr)	104		70 - 130				04/30/26 09:29	04/30/26 16:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			04/30/26 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.3		50.0	15.1	mg/Kg			05/02/26 09:19	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	14.8	J	50.0	14.5	mg/Kg		04/29/26 10:36	05/02/26 09:19	1
Diesel Range Organics (Over C10-C28)	36.5	J	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 09:19	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-8-4

Lab Sample ID: 890-9809-6

Date Collected: 04/17/26 10:32

Matrix: Solid

Date Received: 04/20/26 16:35

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)	<15.1	U	50.0	15.1	mg/Kg	-	04/29/26 10:36	05/02/26 09:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				04/29/26 10:36	05/02/26 09:19	1
o-Terphenyl	112		70 - 130				04/29/26 10:36	05/02/26 09:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2060	F1	49.9	1.97	mg/Kg	-		04/22/26 10:07	5

Client Sample ID: B-9-4

Lab Sample ID: 890-9809-7

Date Collected: 04/17/26 11:00

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	04/30/26 09:29	04/30/26 16:48	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	04/30/26 09:29	04/30/26 16:48	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg	-	04/30/26 09:29	04/30/26 16:48	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg	-	04/30/26 09:29	04/30/26 16:48	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	04/30/26 09:29	04/30/26 16:48	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	04/30/26 09:29	04/30/26 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				04/30/26 09:29	04/30/26 16:48	1
1,4-Difluorobenzene (Surr)	85		70 - 130				04/30/26 09:29	04/30/26 16:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg	-		04/30/26 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.5	J	50.1	15.2	mg/Kg	-		05/02/26 09:34	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	<14.6	U	50.1	14.6	mg/Kg	-	04/29/26 10:36	05/02/26 09:34	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.1	15.2	mg/Kg	-	04/29/26 10:36	05/02/26 09:34	1
Oil Range Organics (Over C28-C36)	18.5	J	50.1	15.2	mg/Kg	-	04/29/26 10:36	05/02/26 09:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/29/26 10:36	05/02/26 09:34	1
o-Terphenyl	110		70 - 130				04/29/26 10:36	05/02/26 09:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		99.2	3.92	mg/Kg	-		04/22/26 10:22	10

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-10-4

Lab Sample ID: 890-9809-8

Date Collected: 04/17/26 11:10

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg	-	04/30/26 09:29	04/30/26 17:08	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg	-	04/30/26 09:29	04/30/26 17:08	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg	-	04/30/26 09:29	04/30/26 17:08	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg	-	04/30/26 09:29	04/30/26 17:08	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg	-	04/30/26 09:29	04/30/26 17:08	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg	-	04/30/26 09:29	04/30/26 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	04/30/26 09:29	04/30/26 17:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/30/26 09:29	04/30/26 17:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg	-		04/30/26 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg	-		05/02/26 09:49	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	<14.6	U	50.2	14.6	mg/Kg	-	04/29/26 10:36	05/02/26 09:49	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg	-	04/29/26 10:36	05/02/26 09:49	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg	-	04/29/26 10:36	05/02/26 09:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	04/29/26 10:36	05/02/26 09:49	1
o-Terphenyl	93		70 - 130	04/29/26 10:36	05/02/26 09:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5500		99.6	3.93	mg/Kg	-		04/22/26 10:27	10

Client Sample ID: B-11-4

Lab Sample ID: 890-9809-9

Date Collected: 04/17/26 11:20

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	04/30/26 09:29	04/30/26 17:28	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	04/30/26 09:29	04/30/26 17:28	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg	-	04/30/26 09:29	04/30/26 17:28	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg	-	04/30/26 09:29	04/30/26 17:28	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	04/30/26 09:29	04/30/26 17:28	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	04/30/26 09:29	04/30/26 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	183	S1+	70 - 130	04/30/26 09:29	04/30/26 17:28	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/30/26 09:29	04/30/26 17:28	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-11-4

Lab Sample ID: 890-9809-9

Date Collected: 04/17/26 11:20

Matrix: Solid

Date Received: 04/20/26 16:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			04/30/26 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/02/26 10:03	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	<14.5	U	50.0	14.5	mg/Kg		04/29/26 10:36	05/02/26 10:03	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 10:03	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 10:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				04/29/26 10:36	05/02/26 10:03	1
o-Terphenyl	96		70 - 130				04/29/26 10:36	05/02/26 10:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		50.2	1.98	mg/Kg			04/22/26 10:41	5

Client Sample ID: SW-1-0-4

Lab Sample ID: 890-9809-10

Date Collected: 04/17/26 11:30

Matrix: Solid

Date Received: 04/20/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		04/30/26 09:29	04/30/26 17:49	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		04/30/26 09:29	04/30/26 17:49	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		04/30/26 09:29	04/30/26 17:49	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		04/30/26 09:29	04/30/26 17:49	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		04/30/26 09:29	04/30/26 17:49	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		04/30/26 09:29	04/30/26 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	179	S1+	70 - 130				04/30/26 09:29	04/30/26 17:49	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/30/26 09:29	04/30/26 17:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			04/30/26 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/02/26 10:17	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	<14.5	U	50.0	14.5	mg/Kg		04/29/26 10:36	05/02/26 10:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 10:17	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-1-0-4

Lab Sample ID: 890-9809-10

Date Collected: 04/17/26 11:30

Matrix: Solid

Date Received: 04/20/26 16:35

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)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				04/29/26 10:36	05/02/26 10:17	1
o-Terphenyl	117		70 - 130				04/29/26 10:36	05/02/26 10:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324		10.1	0.398	mg/Kg			04/22/26 10:46	1

Client Sample ID: SW-2-0-4

Lab Sample ID: 890-9836-1

Date Collected: 04/23/26 14:05

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U F1	0.00200	0.00139	mg/Kg		05/01/26 15:38	05/03/26 07:24	1
Toluene	<0.00200	U F1	0.00200	0.00200	mg/Kg		05/01/26 15:38	05/03/26 07:24	1
Ethylbenzene	<0.00109	U F1	0.00200	0.00109	mg/Kg		05/01/26 15:38	05/03/26 07:24	1
m-Xylene & p-Xylene	<0.00228	U F1	0.00399	0.00228	mg/Kg		05/01/26 15:38	05/03/26 07:24	1
o-Xylene	<0.00158	U F1	0.00200	0.00158	mg/Kg		05/01/26 15:38	05/03/26 07:24	1
Xylenes, Total	<0.00228	U F1	0.00399	0.00228	mg/Kg		05/01/26 15:38	05/03/26 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				05/01/26 15:38	05/03/26 07:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/01/26 15:38	05/03/26 07:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/03/26 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.1	J	50.1	15.1	mg/Kg			05/04/26 17:30	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	16.1	J	50.1	14.5	mg/Kg		05/01/26 13:33	05/04/26 17:30	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 13:33	05/04/26 17:30	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 13:33	05/04/26 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/01/26 13:33	05/04/26 17:30	1
o-Terphenyl	94		70 - 130				05/01/26 13:33	05/04/26 17:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458		9.98	0.394	mg/Kg			04/25/26 23:32	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-4 -4

Lab Sample ID: 890-9836-2

Date Collected: 04/23/26 14:15

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg	-	05/01/26 15:38	05/03/26 07:45	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg	-	05/01/26 15:38	05/03/26 07:45	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg	-	05/01/26 15:38	05/03/26 07:45	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg	-	05/01/26 15:38	05/03/26 07:45	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg	-	05/01/26 15:38	05/03/26 07:45	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg	-	05/01/26 15:38	05/03/26 07:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/01/26 15:38	05/03/26 07:45	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/01/26 15:38	05/03/26 07:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg	-		05/03/26 07:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.1	J	50.4	15.3	mg/Kg	-		05/04/26 17:44	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	16.1	J	50.4	14.6	mg/Kg	-	05/01/26 13:33	05/04/26 17:44	1
Diesel Range Organics (Over C10-C28)	<15.3	U	50.4	15.3	mg/Kg	-	05/01/26 13:33	05/04/26 17:44	1
Oil Range Organics (Over C28-C36)	<15.3	U	50.4	15.3	mg/Kg	-	05/01/26 13:33	05/04/26 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	05/01/26 13:33	05/04/26 17:44	1
o-Terphenyl	99		70 - 130	05/01/26 13:33	05/04/26 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8400		199	7.87	mg/Kg	-		04/25/26 23:37	20

Client Sample ID: B-12 -4

Lab Sample ID: 890-9836-3

Date Collected: 04/23/26 14:18

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	05/01/26 15:38	05/03/26 08:05	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	05/01/26 15:38	05/03/26 08:05	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg	-	05/01/26 15:38	05/03/26 08:05	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/01/26 15:38	05/03/26 08:05	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	05/01/26 15:38	05/03/26 08:05	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/01/26 15:38	05/03/26 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	05/01/26 15:38	05/03/26 08:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/01/26 15:38	05/03/26 08:05	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-12 -4

Lab Sample ID: 890-9836-3

Date Collected: 04/23/26 14:18

Matrix: Solid

Date Received: 04/23/26 16:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/03/26 08:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.4	J	50.4	15.2	mg/Kg			05/04/26 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	16.4	J	50.4	14.6	mg/Kg		05/01/26 13:33	05/04/26 17:58	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.4	15.2	mg/Kg		05/01/26 13:33	05/04/26 17:58	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.4	15.2	mg/Kg		05/01/26 13:33	05/04/26 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/01/26 13:33	05/04/26 17:58	1
o-Terphenyl	87		70 - 130				05/01/26 13:33	05/04/26 17:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8930		101	3.97	mg/Kg			04/25/26 23:43	10

Client Sample ID: B-13 -4

Lab Sample ID: 890-9836-4

Date Collected: 04/23/26 14:21

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/01/26 15:38	05/03/26 08:26	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/01/26 15:38	05/03/26 08:26	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/01/26 15:38	05/03/26 08:26	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/01/26 15:38	05/03/26 08:26	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/01/26 15:38	05/03/26 08:26	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/01/26 15:38	05/03/26 08:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				05/01/26 15:38	05/03/26 08:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/01/26 15:38	05/03/26 08:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/03/26 08:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/04/26 18:13	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	14.6	J	50.1	14.5	mg/Kg		05/01/26 13:33	05/04/26 18:13	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 13:33	05/04/26 18:13	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-13 -4

Date Collected: 04/23/26 14:21

Date Received: 04/23/26 16:35

Lab Sample ID: 890-9836-4

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)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 13:33	05/04/26 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/01/26 13:33	05/04/26 18:13	1
o-Terphenyl	89		70 - 130				05/01/26 13:33	05/04/26 18:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6510		100	3.97	mg/Kg			04/26/26 00:00	10

Client Sample ID: B-14 -4

Date Collected: 04/23/26 14:24

Date Received: 04/23/26 16:35

Lab Sample ID: 890-9836-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/01/26 15:38	05/03/26 08:46	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/01/26 15:38	05/03/26 08:46	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/01/26 15:38	05/03/26 08:46	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/01/26 15:38	05/03/26 08:46	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/01/26 15:38	05/03/26 08:46	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/01/26 15:38	05/03/26 08:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/01/26 15:38	05/03/26 08:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/01/26 15:38	05/03/26 08:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/03/26 08:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			05/04/26 18:27	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	<14.6	U	50.2	14.6	mg/Kg		05/01/26 13:33	05/04/26 18:27	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 13:33	05/04/26 18:27	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 13:33	05/04/26 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/01/26 13:33	05/04/26 18:27	1
o-Terphenyl	81		70 - 130				05/01/26 13:33	05/04/26 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3940		99.4	3.93	mg/Kg			04/26/26 00:05	10

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-15 -4

Lab Sample ID: 890-9836-6

Date Collected: 04/23/26 14:27

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg	-	05/01/26 15:38	05/03/26 09:07	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg	-	05/01/26 15:38	05/03/26 09:07	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg	-	05/01/26 15:38	05/03/26 09:07	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg	-	05/01/26 15:38	05/03/26 09:07	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg	-	05/01/26 15:38	05/03/26 09:07	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg	-	05/01/26 15:38	05/03/26 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	05/01/26 15:38	05/03/26 09:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130	05/01/26 15:38	05/03/26 09:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg	-		05/03/26 09:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg	-		05/04/26 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.1	14.5	mg/Kg	-	05/01/26 13:33	05/04/26 18:41	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg	-	05/01/26 13:33	05/04/26 18:41	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg	-	05/01/26 13:33	05/04/26 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	05/01/26 13:33	05/04/26 18:41	1
o-Terphenyl	88		70 - 130	05/01/26 13:33	05/04/26 18:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		49.8	1.97	mg/Kg	-		04/26/26 00:11	5

Client Sample ID: B-16 -4

Lab Sample ID: 890-9836-7

Date Collected: 04/23/26 14:30

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	05/01/26 15:38	05/03/26 09:28	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	05/01/26 15:38	05/03/26 09:28	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg	-	05/01/26 15:38	05/03/26 09:28	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/01/26 15:38	05/03/26 09:28	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	05/01/26 15:38	05/03/26 09:28	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/01/26 15:38	05/03/26 09:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	05/01/26 15:38	05/03/26 09:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/01/26 15:38	05/03/26 09:28	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-16 -4

Lab Sample ID: 890-9836-7

Date Collected: 04/23/26 14:30

Matrix: Solid

Date Received: 04/23/26 16:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/03/26 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.1	15.2	mg/Kg			05/02/26 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	<14.6	U	50.1	14.6	mg/Kg		05/01/26 15:28	05/02/26 12:18	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 15:28	05/02/26 12:18	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 15:28	05/02/26 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				05/01/26 15:28	05/02/26 12:18	1
o-Terphenyl	115		70 - 130				05/01/26 15:28	05/02/26 12:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	744		9.96	0.393	mg/Kg			04/26/26 00:16	1

Client Sample ID: B-17 -4

Lab Sample ID: 890-9836-8

Date Collected: 04/23/26 14:33

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/01/26 15:38	05/03/26 09:48	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/01/26 15:38	05/03/26 09:48	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/01/26 15:38	05/03/26 09:48	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/01/26 15:38	05/03/26 09:48	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/01/26 15:38	05/03/26 09:48	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/01/26 15:38	05/03/26 09:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				05/01/26 15:38	05/03/26 09:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/01/26 15:38	05/03/26 09:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/03/26 09:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/02/26 12:33	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	14.9	J	50.1	14.5	mg/Kg		05/01/26 15:28	05/02/26 12:33	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 15:28	05/02/26 12:33	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-17 -4

Lab Sample ID: 890-9836-8

Date Collected: 04/23/26 14:33

Matrix: Solid

Date Received: 04/23/26 16:35

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)	<15.1	U	50.1	15.1	mg/Kg	-	05/01/26 15:28	05/02/26 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				05/01/26 15:28	05/02/26 12:33	1
o-Terphenyl	112		70 - 130				05/01/26 15:28	05/02/26 12:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.0	1.98	mg/Kg	-		04/26/26 00:22	5

Client Sample ID: B-18 -4

Lab Sample ID: 890-9836-9

Date Collected: 04/23/26 14:36

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg	-	05/01/26 15:38	05/03/26 10:09	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg	-	05/01/26 15:38	05/03/26 10:09	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg	-	05/01/26 15:38	05/03/26 10:09	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg	-	05/01/26 15:38	05/03/26 10:09	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg	-	05/01/26 15:38	05/03/26 10:09	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg	-	05/01/26 15:38	05/03/26 10:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/01/26 15:38	05/03/26 10:09	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/01/26 15:38	05/03/26 10:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg	-		05/03/26 10:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.4	J	50.3	15.2	mg/Kg	-		05/02/26 12:48	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	16.4	J	50.3	14.6	mg/Kg	-	05/01/26 15:28	05/02/26 12:48	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 12:48	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.3	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				05/01/26 15:28	05/02/26 12:48	1
o-Terphenyl	129		70 - 130				05/01/26 15:28	05/02/26 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6080		201	7.93	mg/Kg	-		04/26/26 00:27	20

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-19 -4

Lab Sample ID: 890-9836-10

Date Collected: 04/23/26 14:39

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	05/01/26 15:38	05/03/26 10:29	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	05/01/26 15:38	05/03/26 10:29	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	05/01/26 15:38	05/03/26 10:29	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg	-	05/01/26 15:38	05/03/26 10:29	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	05/01/26 15:38	05/03/26 10:29	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg	-	05/01/26 15:38	05/03/26 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	05/01/26 15:38	05/03/26 10:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/01/26 15:38	05/03/26 10:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg	-		05/03/26 10:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg	-		05/02/26 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	<14.6	U	50.2	14.6	mg/Kg	-	05/01/26 15:28	05/02/26 13:03	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 13:03	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	05/01/26 15:28	05/02/26 13:03	1
o-Terphenyl	115		70 - 130	05/01/26 15:28	05/02/26 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8680		101	3.98	mg/Kg	-		04/26/26 00:44	10

Client Sample ID: B-20 -4

Lab Sample ID: 890-9836-11

Date Collected: 04/23/26 14:42

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	05/01/26 15:38	05/03/26 12:19	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	05/01/26 15:38	05/03/26 12:19	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	05/01/26 15:38	05/03/26 12:19	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg	-	05/01/26 15:38	05/03/26 12:19	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	05/01/26 15:38	05/03/26 12:19	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg	-	05/01/26 15:38	05/03/26 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/01/26 15:38	05/03/26 12:19	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/01/26 15:38	05/03/26 12:19	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-20 -4

Lab Sample ID: 890-9836-11

Date Collected: 04/23/26 14:42

Matrix: Solid

Date Received: 04/23/26 16:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/03/26 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			05/02/26 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	15.0	J	50.2	14.6	mg/Kg		05/01/26 15:28	05/02/26 13:19	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 15:28	05/02/26 13:19	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 15:28	05/02/26 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				05/01/26 15:28	05/02/26 13:19	1
o-Terphenyl	122		70 - 130				05/01/26 15:28	05/02/26 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3800		101	3.99	mg/Kg			04/26/26 00:49	10

Client Sample ID: B-21 -4

Lab Sample ID: 890-9836-12

Date Collected: 04/23/26 14:45

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/01/26 15:38	05/03/26 12:40	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/01/26 15:38	05/03/26 12:40	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		05/01/26 15:38	05/03/26 12:40	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		05/01/26 15:38	05/03/26 12:40	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/01/26 15:38	05/03/26 12:40	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		05/01/26 15:38	05/03/26 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				05/01/26 15:38	05/03/26 12:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/01/26 15:38	05/03/26 12:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			05/03/26 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.3	15.2	mg/Kg			05/02/26 13:34	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	14.6	J	50.3	14.6	mg/Kg		05/01/26 15:28	05/02/26 13:34	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg		05/01/26 15:28	05/02/26 13:34	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-21 -4

Lab Sample ID: 890-9836-12

Date Collected: 04/23/26 14:45

Matrix: Solid

Date Received: 04/23/26 16:35

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)	<15.2	U	50.3	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				05/01/26 15:28	05/02/26 13:34	1
o-Terphenyl	113		70 - 130				05/01/26 15:28	05/02/26 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1930		50.3	1.99	mg/Kg	-		04/26/26 01:06	5

Client Sample ID: B-22 -4

Lab Sample ID: 890-9836-13

Date Collected: 04/23/26 14:48

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	05/01/26 15:38	05/03/26 13:00	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	05/01/26 15:38	05/03/26 13:00	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg	-	05/01/26 15:38	05/03/26 13:00	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/01/26 15:38	05/03/26 13:00	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	05/01/26 15:38	05/03/26 13:00	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/01/26 15:38	05/03/26 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				05/01/26 15:38	05/03/26 13:00	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/01/26 15:38	05/03/26 13:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg	-		05/03/26 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.3	15.2	mg/Kg	-		05/02/26 13:49	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	<14.6	U	50.3	14.6	mg/Kg	-	05/01/26 15:28	05/02/26 13:49	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 13:49	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.3	15.2	mg/Kg	-	05/01/26 15:28	05/02/26 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				05/01/26 15:28	05/02/26 13:49	1
o-Terphenyl	116		70 - 130				05/01/26 15:28	05/02/26 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	984		9.98	0.394	mg/Kg	-		04/26/26 01:11	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-3-0-4

Lab Sample ID: 890-9836-14

Date Collected: 04/23/26 14:51

Matrix: Solid

Date Received: 04/23/26 16:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/01/26 15:38	05/03/26 13:21	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/01/26 15:38	05/03/26 13:21	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		05/01/26 15:38	05/03/26 13:21	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		05/01/26 15:38	05/03/26 13:21	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/01/26 15:38	05/03/26 13:21	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		05/01/26 15:38	05/03/26 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	05/01/26 15:38	05/03/26 13:21	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/01/26 15:38	05/03/26 13:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			05/03/26 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/02/26 14:03	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	15.0	J	50.1	14.5	mg/Kg		05/01/26 15:28	05/02/26 14:03	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 15:28	05/02/26 14:03	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 15:28	05/02/26 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				05/01/26 15:28	05/02/26 14:03	1
o-Terphenyl	124		70 - 130				05/01/26 15:28	05/02/26 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	536		9.90	0.391	mg/Kg			04/26/26 01:17	1

Client Sample ID: SW-4-0-4

Lab Sample ID: 890-9874-1

Date Collected: 04/29/26 13:05

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:21	05/07/26 22:49	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:21	05/07/26 22:49	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:21	05/07/26 22:49	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/07/26 22:49	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:21	05/07/26 22:49	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/07/26 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/04/26 15:21	05/07/26 22:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/04/26 15:21	05/07/26 22:49	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: SW-4-0-4

Lab Sample ID: 890-9874-1

Date Collected: 04/29/26 13:05

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/07/26 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.1	J	50.4	15.2	mg/Kg			05/07/26 00:50	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	<14.6	U	50.4	14.6	mg/Kg		05/01/26 12:56	05/07/26 00:50	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.4	15.2	mg/Kg		05/01/26 12:56	05/07/26 00:50	1
Oil Range Organics (Over C28-C36)	41.1	J	50.4	15.2	mg/Kg		05/01/26 12:56	05/07/26 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				05/01/26 12:56	05/07/26 00:50	1
o-Terphenyl	80		70 - 130				05/01/26 12:56	05/07/26 00:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		9.92	0.392	mg/Kg			05/01/26 10:53	1

Client Sample ID: SW-5-0-4

Lab Sample ID: 890-9874-2

Date Collected: 04/29/26 13:10

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:21	05/07/26 23:09	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:21	05/07/26 23:09	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		05/04/26 15:21	05/07/26 23:09	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:21	05/07/26 23:09	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:21	05/07/26 23:09	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:21	05/07/26 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				05/04/26 15:21	05/07/26 23:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130				05/04/26 15:21	05/07/26 23:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			05/07/26 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.3	J	50.0	15.1	mg/Kg			05/07/26 01:34	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 01:34	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: SW-5-0-4

Lab Sample ID: 890-9874-2

Date Collected: 04/29/26 13:10

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 01:34	1
Oil Range Organics (Over C28-C36)	37.3	J	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				05/01/26 12:56	05/07/26 01:34	1
o-Terphenyl	84		70 - 130				05/01/26 12:56	05/07/26 01:34	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	0.398	mg/Kg			05/01/26 10:58	1

Client Sample ID: SW-6-0-4

Lab Sample ID: 890-9874-3

Date Collected: 04/29/26 13:15

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:21	05/07/26 23:30	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:21	05/07/26 23:30	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:21	05/07/26 23:30	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/07/26 23:30	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:21	05/07/26 23:30	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/07/26 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				05/04/26 15:21	05/07/26 23:30	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/04/26 15:21	05/07/26 23:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/07/26 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32.5	J	50.0	15.1	mg/Kg			05/07/26 01:48	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 01:48	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 01:48	1
Oil Range Organics (Over C28-C36)	32.5	J	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				05/01/26 12:56	05/07/26 01:48	1
o-Terphenyl	82		70 - 130				05/01/26 12:56	05/07/26 01:48	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-6-0-4

Lab Sample ID: 890-9874-3

Date Collected: 04/29/26 13:15

Matrix: Solid

Date Received: 04/30/26 15:44

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.7		9.94	0.393	mg/Kg			05/01/26 11:03	1

Client Sample ID: SW-7-0-4

Lab Sample ID: 890-9874-4

Date Collected: 04/29/26 13:20

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:21	05/07/26 23:51	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:21	05/07/26 23:51	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:21	05/07/26 23:51	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/07/26 23:51	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:21	05/07/26 23:51	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/07/26 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/04/26 15:21	05/07/26 23:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/04/26 15:21	05/07/26 23:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/07/26 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.9	J	49.8	15.1	mg/Kg			05/07/26 02:03	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	<14.5	U	49.8	14.5	mg/Kg		05/01/26 12:56	05/07/26 02:03	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:03	1
Oil Range Organics (Over C28-C36)	27.9	J	49.8	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	05/01/26 12:56	05/07/26 02:03	1
o-Terphenyl	117		70 - 130	05/01/26 12:56	05/07/26 02:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		9.98	0.394	mg/Kg			05/01/26 11:08	1

Client Sample ID: B-23-4

Lab Sample ID: 890-9874-5

Date Collected: 04/29/26 13:25

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:21	05/08/26 00:12	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:21	05/08/26 00:12	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:21	05/08/26 00:12	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-23-4

Lab Sample ID: 890-9874-5

Date Collected: 04/29/26 13:25

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/08/26 00:12	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:21	05/08/26 00:12	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/08/26 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				05/04/26 15:21	05/08/26 00:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/04/26 15:21	05/08/26 00:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 00:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.5	J	49.9	15.1	mg/Kg			05/07/26 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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:56	05/07/26 02:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:17	1
Oil Range Organics (Over C28-C36)	28.5	J	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				05/01/26 12:56	05/07/26 02:17	1
o-Terphenyl	74		70 - 130				05/01/26 12:56	05/07/26 02:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290	F1	50.0	1.98	mg/Kg			05/01/26 11:12	5

Client Sample ID: B-24-4

Lab Sample ID: 890-9874-6

Date Collected: 04/29/26 13:27

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:21	05/08/26 00:32	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:21	05/08/26 00:32	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		05/04/26 15:21	05/08/26 00:32	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:21	05/08/26 00:32	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:21	05/08/26 00:32	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:21	05/08/26 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/04/26 15:21	05/08/26 00:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/04/26 15:21	05/08/26 00:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			05/08/26 00:32	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-24-4

Lab Sample ID: 890-9874-6

Date Collected: 04/29/26 13:27

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.7	J	50.0	15.1	mg/Kg			05/07/26 02:31	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 02:31	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:31	1
Oil Range Organics (Over C28-C36)	24.7	J	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/01/26 12:56	05/07/26 02:31	1
o-Terphenyl	85		70 - 130				05/01/26 12:56	05/07/26 02:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		50.2	1.98	mg/Kg			05/01/26 11:27	5

Client Sample ID: B-25-4

Lab Sample ID: 890-9874-7

Date Collected: 04/29/26 13:29

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:21	05/08/26 00:53	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:21	05/08/26 00:53	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:21	05/08/26 00:53	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 00:53	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:21	05/08/26 00:53	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/04/26 15:21	05/08/26 00:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/04/26 15:21	05/08/26 00:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 00:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.1	J	49.9	15.1	mg/Kg			05/07/26 02:46	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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:56	05/07/26 02:46	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:46	1
Oil Range Organics (Over C28-C36)	24.1	J	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 02:46	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-25-4

Date Collected: 04/29/26 13:29

Date Received: 04/30/26 15:44

Lab Sample ID: 890-9874-7

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	05/01/26 12:56	05/07/26 02:46	1
o-Terphenyl	86		70 - 130	05/01/26 12:56	05/07/26 02:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		101	3.98	mg/Kg			05/01/26 11:32	10

Client Sample ID: B-26-4

Date Collected: 04/29/26 13:31

Date Received: 04/30/26 15:44

Lab Sample ID: 890-9874-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:21	05/08/26 01:14	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:21	05/08/26 01:14	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:21	05/08/26 01:14	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/08/26 01:14	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:21	05/08/26 01:14	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/08/26 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/04/26 15:21	05/08/26 01:14	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/04/26 15:21	05/08/26 01:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26.5	J	49.9	15.1	mg/Kg			05/07/26 03:00	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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:56	05/07/26 03:00	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 03:00	1
Oil Range Organics (Over C28-C36)	26.5	J	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				05/01/26 12:56	05/07/26 03:00	1
o-Terphenyl	139	S1+	70 - 130				05/01/26 12:56	05/07/26 03:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4520		100	3.97	mg/Kg			05/01/26 11:47	10

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-27-4

Lab Sample ID: 890-9874-9

Date Collected: 04/29/26 13:33

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		05/04/26 15:21	05/08/26 01:35	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		05/04/26 15:21	05/08/26 01:35	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		05/04/26 15:21	05/08/26 01:35	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		05/04/26 15:21	05/08/26 01:35	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		05/04/26 15:21	05/08/26 01:35	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		05/04/26 15:21	05/08/26 01:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/04/26 15:21	05/08/26 01:35	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/04/26 15:21	05/08/26 01:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			05/08/26 01:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.0	J	50.0	15.1	mg/Kg			05/07/26 03:15	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 03:15	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 03:15	1
Oil Range Organics (Over C28-C36)	18.0	J	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 03:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	05/01/26 12:56	05/07/26 03:15	1
o-Terphenyl	145	S1+	70 - 130	05/01/26 12:56	05/07/26 03:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		50.5	1.99	mg/Kg			05/01/26 11:52	5

Client Sample ID: B-28-4

Lab Sample ID: 890-9874-10

Date Collected: 04/29/26 13:35

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:21	05/08/26 01:55	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:21	05/08/26 01:55	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:21	05/08/26 01:55	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/08/26 01:55	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:21	05/08/26 01:55	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/08/26 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/04/26 15:21	05/08/26 01:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/04/26 15:21	05/08/26 01:55	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-28-4

Lab Sample ID: 890-9874-10

Date Collected: 04/29/26 13:35

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.2	J	50.0	15.1	mg/Kg			05/07/26 03:29	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 03:29	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 03:29	1
Oil Range Organics (Over C28-C36)	15.2	J	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/01/26 12:56	05/07/26 03:29	1
o-Terphenyl	105		70 - 130				05/01/26 12:56	05/07/26 03:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	591		9.92	0.392	mg/Kg			05/01/26 11:57	1

Client Sample ID: B-29-4

Lab Sample ID: 890-9874-11

Date Collected: 04/29/26 13:37

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:21	05/08/26 03:19	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:21	05/08/26 03:19	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		05/04/26 15:21	05/08/26 03:19	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:21	05/08/26 03:19	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:21	05/08/26 03:19	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:21	05/08/26 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				05/04/26 15:21	05/08/26 03:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/04/26 15:21	05/08/26 03:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			05/08/26 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29.3	J	49.9	15.1	mg/Kg			05/07/26 08:18	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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:56	05/07/26 08:18	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-29-4

Lab Sample ID: 890-9874-11

Date Collected: 04/29/26 13:37

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	29.3	J	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 08:18	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/01/26 12:56	05/07/26 08:18	1
o-Terphenyl	94		70 - 130				05/01/26 12:56	05/07/26 08:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		9.98	0.394	mg/Kg			05/01/26 12:02	1

Client Sample ID: B-30-4

Lab Sample ID: 890-9874-12

Date Collected: 04/29/26 13:39

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:21	05/08/26 03:40	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:21	05/08/26 03:40	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:21	05/08/26 03:40	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 03:40	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:21	05/08/26 03:40	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/04/26 15:21	05/08/26 03:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/04/26 15:21	05/08/26 03:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/07/26 08:33	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 08:33	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 08:33	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 08:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				05/01/26 12:56	05/07/26 08:33	1
o-Terphenyl	82		70 - 130				05/01/26 12:56	05/07/26 08:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	573		9.96	0.393	mg/Kg			05/01/26 12:07	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-31-4

Lab Sample ID: 890-9874-13

Date Collected: 04/29/26 13:41

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:21	05/08/26 04:01	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:21	05/08/26 04:01	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		05/04/26 15:21	05/08/26 04:01	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:21	05/08/26 04:01	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:21	05/08/26 04:01	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:21	05/08/26 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/04/26 15:21	05/08/26 04:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/04/26 15:21	05/08/26 04:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			05/08/26 04:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			05/07/26 08:46	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	<14.5	U	49.8	14.5	mg/Kg		05/01/26 12:56	05/07/26 08:46	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:56	05/07/26 08:46	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:56	05/07/26 08:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	05/01/26 12:56	05/07/26 08:46	1
o-Terphenyl	98		70 - 130	05/01/26 12:56	05/07/26 08:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1440		9.96	0.393	mg/Kg			05/01/26 12:46	1

Client Sample ID: B-32-4

Lab Sample ID: 890-9874-14

Date Collected: 04/29/26 13:43

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:21	05/08/26 04:21	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:21	05/08/26 04:21	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:21	05/08/26 04:21	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 04:21	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:21	05/08/26 04:21	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/04/26 15:21	05/08/26 04:21	1
1,4-Difluorobenzene (Surr)	85		70 - 130	05/04/26 15:21	05/08/26 04:21	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-32-4

Lab Sample ID: 890-9874-14

Date Collected: 04/29/26 13:43

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			05/07/26 09:01	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	<14.5	U	49.8	14.5	mg/Kg		05/01/26 12:56	05/07/26 09:01	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:56	05/07/26 09:01	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:56	05/07/26 09:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/01/26 12:56	05/07/26 09:01	1
o-Terphenyl	93		70 - 130				05/01/26 12:56	05/07/26 09:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2360		49.6	1.96	mg/Kg			05/01/26 13:01	5

Client Sample ID: B-33-4

Lab Sample ID: 890-9874-15

Date Collected: 04/29/26 13:45

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:21	05/08/26 04:42	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:21	05/08/26 04:42	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:21	05/08/26 04:42	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/08/26 04:42	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:21	05/08/26 04:42	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/08/26 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/04/26 15:21	05/08/26 04:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/04/26 15:21	05/08/26 04:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			05/07/26 09:17	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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:56	05/07/26 09:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 09:17	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-33-4

Lab Sample ID: 890-9874-15

Date Collected: 04/29/26 13:45

Matrix: Solid

Date Received: 04/30/26 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)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:56	05/07/26 09:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/01/26 12:56	05/07/26 09:17	1
o-Terphenyl	98		70 - 130				05/01/26 12:56	05/07/26 09:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		50.2	1.98	mg/Kg			05/01/26 13:06	5

Client Sample ID: B-34-4

Lab Sample ID: 890-9874-16

Date Collected: 04/29/26 13:47

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:21	05/08/26 05:03	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:21	05/08/26 05:03	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:21	05/08/26 05:03	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/08/26 05:03	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:21	05/08/26 05:03	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:21	05/08/26 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/04/26 15:21	05/08/26 05:03	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/04/26 15:21	05/08/26 05:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 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	<15.2	U	50.3	15.2	mg/Kg			05/07/26 09:31	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	<14.6	U	50.3	14.6	mg/Kg		05/01/26 12:56	05/07/26 09:31	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg		05/01/26 12:56	05/07/26 09:31	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.3	15.2	mg/Kg		05/01/26 12:56	05/07/26 09:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/01/26 12:56	05/07/26 09:31	1
o-Terphenyl	99		70 - 130				05/01/26 12:56	05/07/26 09:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		49.6	1.96	mg/Kg			05/01/26 13:11	5

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-35-4

Lab Sample ID: 890-9874-17

Date Collected: 04/29/26 13:49

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:21	05/08/26 05:24	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:21	05/08/26 05:24	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		05/04/26 15:21	05/08/26 05:24	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:21	05/08/26 05:24	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:21	05/08/26 05:24	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:21	05/08/26 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/04/26 15:21	05/08/26 05:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/04/26 15:21	05/08/26 05:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			05/08/26 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	<15.2	U	50.2	15.2	mg/Kg			05/07/26 09:45	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	<14.6	U	50.2	14.6	mg/Kg		05/01/26 12:56	05/07/26 09:45	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:56	05/07/26 09:45	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:56	05/07/26 09:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	05/01/26 12:56	05/07/26 09:45	1
o-Terphenyl	100		70 - 130	05/01/26 12:56	05/07/26 09:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2190		50.1	1.98	mg/Kg			05/01/26 13:16	5

Client Sample ID: B-36-4

Lab Sample ID: 890-9874-18

Date Collected: 04/29/26 13:51

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:21	05/08/26 05:44	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:21	05/08/26 05:44	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:21	05/08/26 05:44	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 05:44	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:21	05/08/26 05:44	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:21	05/08/26 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/04/26 15:21	05/08/26 05:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/04/26 15:21	05/08/26 05:44	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-36-4

Lab Sample ID: 890-9874-18

Date Collected: 04/29/26 13:51

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 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	<15.1	U	50.1	15.1	mg/Kg			05/07/26 09:59	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	<14.5	U	50.1	14.5	mg/Kg		05/01/26 12:56	05/07/26 09:59	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:56	05/07/26 09:59	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:56	05/07/26 09:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/01/26 12:56	05/07/26 09:59	1
o-Terphenyl	95		70 - 130				05/01/26 12:56	05/07/26 09:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		49.6	1.96	mg/Kg			05/01/26 13:31	5

Client Sample ID: B-37-4

Lab Sample ID: 890-9874-19

Date Collected: 04/29/26 13:53

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:21	05/08/26 06:05	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:21	05/08/26 06:05	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:21	05/08/26 06:05	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/08/26 06:05	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:21	05/08/26 06:05	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:21	05/08/26 06:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				05/04/26 15:21	05/08/26 06:05	1
1,4-Difluorobenzene (Surr)	110		70 - 130				05/04/26 15:21	05/08/26 06:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 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	<15.2	U	50.1	15.2	mg/Kg			05/07/26 10:14	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	<14.6	U	50.1	14.6	mg/Kg		05/01/26 12:56	05/07/26 10:14	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 12:56	05/07/26 10:14	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-37-4

Date Collected: 04/29/26 13:53

Date Received: 04/30/26 15:44

Lab Sample ID: 890-9874-19

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)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 12:56	05/07/26 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/01/26 12:56	05/07/26 10:14	1
o-Terphenyl	100		70 - 130				05/01/26 12:56	05/07/26 10:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		49.7	1.96	mg/Kg			05/01/26 13:36	5

Client Sample ID: B-38-4

Date Collected: 04/29/26 13:55

Date Received: 04/30/26 15:44

Lab Sample ID: 890-9874-20

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:21	05/08/26 06:26	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:21	05/08/26 06:26	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:21	05/08/26 06:26	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:21	05/08/26 06:26	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:21	05/08/26 06:26	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:21	05/08/26 06:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/04/26 15:21	05/08/26 06:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/04/26 15:21	05/08/26 06:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			05/08/26 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	<15.1	U	50.1	15.1	mg/Kg			05/07/26 10:28	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	<14.5	U	50.1	14.5	mg/Kg		05/01/26 12:56	05/07/26 10:28	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:56	05/07/26 10:28	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:56	05/07/26 10:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/01/26 12:56	05/07/26 10:28	1
o-Terphenyl	98		70 - 130				05/01/26 12:56	05/07/26 10:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		49.5	1.96	mg/Kg			05/01/26 13:40	5

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-39-4

Lab Sample ID: 890-9874-21

Date Collected: 04/29/26 13:57

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/07/26 23:29	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/07/26 23:29	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/07/26 23:29	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/07/26 23:29	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/07/26 23:29	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/07/26 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	05/04/26 15:27	05/07/26 23:29	1
1,4-Difluorobenzene (Surr)	76		70 - 130	05/04/26 15:27	05/07/26 23:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/07/26 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.8	J	50.0	15.1	mg/Kg			05/06/26 20:05	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:58	05/06/26 20:05	1
Diesel Range Organics (Over C10-C28)	15.8	J	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 20:05	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	05/01/26 12:58	05/06/26 20:05	1
o-Terphenyl	139	S1+	70 - 130	05/01/26 12:58	05/06/26 20:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1530		50.2	1.98	mg/Kg			05/01/26 13:45	5

Client Sample ID: B-40-4

Lab Sample ID: 890-9874-22

Date Collected: 04/29/26 13:59

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:27	05/07/26 23:50	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:27	05/07/26 23:50	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		05/04/26 15:27	05/07/26 23:50	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:27	05/07/26 23:50	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:27	05/07/26 23:50	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:27	05/07/26 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/04/26 15:27	05/07/26 23:50	1
1,4-Difluorobenzene (Surr)	70		70 - 130	05/04/26 15:27	05/07/26 23:50	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-40-4

Lab Sample ID: 890-9874-22

Date Collected: 04/29/26 13:59

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			05/07/26 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			05/06/26 21:06	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	<14.6	U	50.2	14.6	mg/Kg		05/01/26 12:58	05/06/26 21:06	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 21:06	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130				05/01/26 12:58	05/06/26 21:06	1
o-Terphenyl	174	S1+	70 - 130				05/01/26 12:58	05/06/26 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3470		50.5	1.99	mg/Kg			05/01/26 13:50	5

Client Sample ID: B-46-4

Lab Sample ID: 890-9874-23

Date Collected: 04/29/26 14:01

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:27	05/08/26 00:11	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:27	05/08/26 00:11	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:27	05/08/26 00:11	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:27	05/08/26 00:11	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:27	05/08/26 00:11	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:27	05/08/26 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130				05/04/26 15:27	05/08/26 00:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130				05/04/26 15:27	05/08/26 00:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/06/26 21:26	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:58	05/06/26 21:26	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 21:26	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-46-4

Date Collected: 04/29/26 14:01

Date Received: 04/30/26 15:44

Lab Sample ID: 890-9874-23

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)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				05/01/26 12:58	05/06/26 21:26	1
o-Terphenyl	144	S1+	70 - 130				05/01/26 12:58	05/06/26 21:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		49.8	1.97	mg/Kg			05/01/26 13:55	5

Client Sample ID: B-47-4

Date Collected: 04/29/26 14:03

Date Received: 04/30/26 15:44

Lab Sample ID: 890-9874-24

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:27	05/08/26 00:31	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:27	05/08/26 00:31	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:27	05/08/26 00:31	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 00:31	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:27	05/08/26 00:31	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				05/04/26 15:27	05/08/26 00:31	1
1,4-Difluorobenzene (Surr)	73		70 - 130				05/04/26 15:27	05/08/26 00:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/06/26 21:46	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:58	05/06/26 21:46	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 21:46	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				05/01/26 12:58	05/06/26 21:46	1
o-Terphenyl	142	S1+	70 - 130				05/01/26 12:58	05/06/26 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1940		49.9	1.97	mg/Kg			05/01/26 14:10	5

Eurofins Carlsbad

Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-48-4

Lab Sample ID: 890-9874-25

Date Collected: 04/29/26 14:05

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/08/26 00:52	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/08/26 00:52	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/08/26 00:52	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/08/26 00:52	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/08/26 00:52	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/08/26 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/04/26 15:27	05/08/26 00:52	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	05/04/26 15:27	05/08/26 00:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/06/26 22:07	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	<14.5	U	50.1	14.5	mg/Kg		05/01/26 12:58	05/06/26 22:07	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:58	05/06/26 22:07	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:58	05/06/26 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130	05/01/26 12:58	05/06/26 22:07	1
o-Terphenyl	140	S1+	70 - 130	05/01/26 12:58	05/06/26 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1630		50.1	1.98	mg/Kg			05/01/26 14:15	5

Client Sample ID: B-49-4

Lab Sample ID: 890-9874-26

Date Collected: 04/29/26 14:07

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:27	05/08/26 01:12	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:27	05/08/26 01:12	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		05/04/26 15:27	05/08/26 01:12	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:27	05/08/26 01:12	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:27	05/08/26 01:12	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:27	05/08/26 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	05/04/26 15:27	05/08/26 01:12	1
1,4-Difluorobenzene (Surr)	76		70 - 130	05/04/26 15:27	05/08/26 01:12	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-49-4

Lab Sample ID: 890-9874-26

Date Collected: 04/29/26 14:07

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			05/08/26 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.1	15.2	mg/Kg			05/06/26 22:27	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	<14.6	U	50.1	14.6	mg/Kg		05/01/26 12:58	05/06/26 22:27	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 12:58	05/06/26 22:27	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 12:58	05/06/26 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	214	S1+	70 - 130				05/01/26 12:58	05/06/26 22:27	1
o-Terphenyl	210	S1+	70 - 130				05/01/26 12:58	05/06/26 22:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		49.7	1.96	mg/Kg			05/01/26 14:30	5

Client Sample ID: B-50-4

Lab Sample ID: 890-9874-27

Date Collected: 04/29/26 14:09

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:27	05/08/26 01:33	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:27	05/08/26 01:33	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:27	05/08/26 01:33	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:27	05/08/26 01:33	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:27	05/08/26 01:33	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:27	05/08/26 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				05/04/26 15:27	05/08/26 01:33	1
1,4-Difluorobenzene (Surr)	74		70 - 130				05/04/26 15:27	05/08/26 01:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 01:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			05/06/26 22:47	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	<14.6	U	50.2	14.6	mg/Kg		05/01/26 12:58	05/06/26 22:47	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 22:47	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-50-4

Lab Sample ID: 890-9874-27

Date Collected: 04/29/26 14:09

Matrix: Solid

Date Received: 04/30/26 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)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	232	S1+	70 - 130				05/01/26 12:58	05/06/26 22:47	1
o-Terphenyl	226	S1+	70 - 130				05/01/26 12:58	05/06/26 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		49.6	1.96	mg/Kg			05/01/26 14:35	5

Client Sample ID: B-51-4

Lab Sample ID: 890-9874-28

Date Collected: 04/29/26 14:11

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:27	05/08/26 01:54	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:27	05/08/26 01:54	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:27	05/08/26 01:54	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 01:54	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:27	05/08/26 01:54	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				05/04/26 15:27	05/08/26 01:54	1
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130				05/04/26 15:27	05/08/26 01:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/06/26 23:08	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	<14.5	U	50.1	14.5	mg/Kg		05/01/26 12:58	05/06/26 23:08	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:58	05/06/26 23:08	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:58	05/06/26 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				05/01/26 12:58	05/06/26 23:08	1
o-Terphenyl	143	S1+	70 - 130				05/01/26 12:58	05/06/26 23:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.8		9.94	0.393	mg/Kg			05/01/26 14:40	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-52-4

Lab Sample ID: 890-9874-29

Date Collected: 04/29/26 14:13

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/08/26 02:14	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/08/26 02:14	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/08/26 02:14	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:27	05/08/26 02:14	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/08/26 02:14	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:27	05/08/26 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	05/04/26 15:27	05/08/26 02:14	1
1,4-Difluorobenzene (Surr)	84		70 - 130	05/04/26 15:27	05/08/26 02:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			05/08/26 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			05/06/26 23:28	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	<14.6	U	50.2	14.6	mg/Kg		05/01/26 12:58	05/06/26 23:28	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 23:28	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 23:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	05/01/26 12:58	05/06/26 23:28	1
o-Terphenyl	143	S1+	70 - 130	05/01/26 12:58	05/06/26 23:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	925		10.0	0.397	mg/Kg			05/01/26 14:45	1

Client Sample ID: B-53-4

Lab Sample ID: 890-9874-30

Date Collected: 04/29/26 14:15

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/08/26 02:35	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/08/26 02:35	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/08/26 02:35	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/08/26 02:35	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/08/26 02:35	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/08/26 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/04/26 15:27	05/08/26 02:35	1
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130	05/04/26 15:27	05/08/26 02:35	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-53-4

Lab Sample ID: 890-9874-30

Date Collected: 04/29/26 14:15

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			05/06/26 23:50	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	<14.6	U	50.2	14.6	mg/Kg		05/01/26 12:58	05/06/26 23:50	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 23:50	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		05/01/26 12:58	05/06/26 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				05/01/26 12:58	05/06/26 23:50	1
o-Terphenyl	129		70 - 130				05/01/26 12:58	05/06/26 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	711		99.6	3.93	mg/Kg			05/01/26 14:49	10

Client Sample ID: B-54-4

Lab Sample ID: 890-9874-31

Date Collected: 04/29/26 14:17

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/08/26 04:10	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/08/26 04:10	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/08/26 04:10	1
m-Xylene & p-Xylene	<0.00229	U	0.00401	0.00229	mg/Kg		05/04/26 15:27	05/08/26 04:10	1
o-Xylene	<0.00159	U	0.00200	0.00159	mg/Kg		05/04/26 15:27	05/08/26 04:10	1
Xylenes, Total	<0.00229	U	0.00401	0.00229	mg/Kg		05/04/26 15:27	05/08/26 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				05/04/26 15:27	05/08/26 04:10	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130				05/04/26 15:27	05/08/26 04:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00401	0.00229	mg/Kg			05/08/26 04:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.1	15.2	mg/Kg			05/07/26 00:30	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	<14.6	U	50.1	14.6	mg/Kg		05/01/26 12:58	05/07/26 00:30	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 12:58	05/07/26 00:30	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-54-4

Lab Sample ID: 890-9874-31

Date Collected: 04/29/26 14:17

Matrix: Solid

Date Received: 04/30/26 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)	<15.2	U	50.1	15.2	mg/Kg		05/01/26 12:58	05/07/26 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				05/01/26 12:58	05/07/26 00:30	1
o-Terphenyl	148	S1+	70 - 130				05/01/26 12:58	05/07/26 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	711	F1	100	3.97	mg/Kg			05/01/26 11:20	10

Client Sample ID: B-55-4

Lab Sample ID: 890-9874-32

Date Collected: 04/29/26 14:19

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/04/26 15:27	05/08/26 04:31	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/04/26 15:27	05/08/26 04:31	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/04/26 15:27	05/08/26 04:31	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:27	05/08/26 04:31	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/04/26 15:27	05/08/26 04:31	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/04/26 15:27	05/08/26 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				05/04/26 15:27	05/08/26 04:31	1
1,4-Difluorobenzene (Surr)	85		70 - 130				05/04/26 15:27	05/08/26 04:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 04:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			05/07/26 00:51	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	<14.5	U	50.1	14.5	mg/Kg		05/01/26 12:58	05/07/26 00:51	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:58	05/07/26 00:51	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		05/01/26 12:58	05/07/26 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	182	S1+	70 - 130				05/01/26 12:58	05/07/26 00:51	1
o-Terphenyl	170	S1+	70 - 130				05/01/26 12:58	05/07/26 00:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	963		100	3.96	mg/Kg			05/01/26 11:35	10

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-5-13

Lab Sample ID: 890-9874-33

Date Collected: 04/29/26 14:40

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:27	05/08/26 04:51	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:27	05/08/26 04:51	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:27	05/08/26 04:51	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 04:51	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:27	05/08/26 04:51	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 04:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	05/04/26 15:27	05/08/26 04:51	1
1,4-Difluorobenzene (Surr)	73		70 - 130	05/04/26 15:27	05/08/26 04:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 04:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.3	15.2	mg/Kg			05/07/26 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	<14.6	U	50.3	14.6	mg/Kg		05/01/26 12:58	05/07/26 01:11	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.3	15.2	mg/Kg		05/01/26 12:58	05/07/26 01:11	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.3	15.2	mg/Kg		05/01/26 12:58	05/07/26 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	280	S1+	70 - 130	05/01/26 12:58	05/07/26 01:11	1
o-Terphenyl	271	S1+	70 - 130	05/01/26 12:58	05/07/26 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	668		49.6	1.96	mg/Kg			05/01/26 11:40	5

Client Sample ID: SW-12-4-13

Lab Sample ID: 890-9874-34

Date Collected: 04/29/26 14:30

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/08/26 05:12	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/08/26 05:12	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/08/26 05:12	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/08/26 05:12	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/08/26 05:12	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:27	05/08/26 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/04/26 15:27	05/08/26 05:12	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	05/04/26 15:27	05/08/26 05:12	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-12-4-13

Lab Sample ID: 890-9874-34

Date Collected: 04/29/26 14:30

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			05/07/26 01:32	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	<14.5	U	49.8	14.5	mg/Kg		05/01/26 12:58	05/07/26 01:32	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:58	05/07/26 01:32	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 12:58	05/07/26 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				05/01/26 12:58	05/07/26 01:32	1
o-Terphenyl	132	S1+	70 - 130				05/01/26 12:58	05/07/26 01:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	492		49.9	1.97	mg/Kg			05/01/26 11:44	5

Client Sample ID: SW-13-4-13

Lab Sample ID: 890-9874-35

Date Collected: 04/29/26 14:35

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:27	05/08/26 05:33	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:27	05/08/26 05:33	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		05/04/26 15:27	05/08/26 05:33	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:27	05/08/26 05:33	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:27	05/08/26 05:33	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		05/04/26 15:27	05/08/26 05:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/04/26 15:27	05/08/26 05:33	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130				05/04/26 15:27	05/08/26 05:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			05/08/26 05:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			05/07/26 01:52	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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:58	05/07/26 01:52	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:58	05/07/26 01:52	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-13-4-13

Lab Sample ID: 890-9874-35

Date Collected: 04/29/26 14:35

Matrix: Solid

Date Received: 04/30/26 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)	<15.1	U	49.9	15.1	mg/Kg	-	05/01/26 12:58	05/07/26 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				05/01/26 12:58	05/07/26 01:52	1
o-Terphenyl	166	S1+	70 - 130				05/01/26 12:58	05/07/26 01:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		49.8	1.97	mg/Kg	-		05/01/26 11:49	5

Client Sample ID: B-41-4

Lab Sample ID: 890-9874-36

Date Collected: 04/29/26 14:55

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg	-	05/04/26 15:27	05/08/26 05:53	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg	-	05/04/26 15:27	05/08/26 05:53	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg	-	05/04/26 15:27	05/08/26 05:53	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/04/26 15:27	05/08/26 05:53	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg	-	05/04/26 15:27	05/08/26 05:53	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg	-	05/04/26 15:27	05/08/26 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				05/04/26 15:27	05/08/26 05:53	1
1,4-Difluorobenzene (Surr)	74		70 - 130				05/04/26 15:27	05/08/26 05:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg	-		05/08/26 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg	-		05/07/26 02:13	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	<14.5	U	50.0	14.5	mg/Kg	-	05/01/26 12:58	05/07/26 02:13	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	05/01/26 12:58	05/07/26 02:13	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	05/01/26 12:58	05/07/26 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				05/01/26 12:58	05/07/26 02:13	1
o-Terphenyl	156	S1+	70 - 130				05/01/26 12:58	05/07/26 02:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		49.6	1.96	mg/Kg	-		05/01/26 12:04	5

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-42-4

Lab Sample ID: 890-9874-37

Date Collected: 04/29/26 14:57

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:27	05/08/26 06:14	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:27	05/08/26 06:14	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:27	05/08/26 06:14	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 06:14	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:27	05/08/26 06:14	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:27	05/08/26 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	05/04/26 15:27	05/08/26 06:14	1
1,4-Difluorobenzene (Surr)	73		70 - 130	05/04/26 15:27	05/08/26 06:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 06:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			05/07/26 02:33	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	<14.5	U	49.9	14.5	mg/Kg		05/01/26 12:58	05/07/26 02:33	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:58	05/07/26 02:33	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 12:58	05/07/26 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130	05/01/26 12:58	05/07/26 02:33	1
o-Terphenyl	165	S1+	70 - 130	05/01/26 12:58	05/07/26 02:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1580		101	3.98	mg/Kg			05/01/26 12:09	10

Client Sample ID: B-43-4

Lab Sample ID: 890-9874-38

Date Collected: 04/29/26 14:59

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/08/26 06:35	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/08/26 06:35	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/08/26 06:35	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:27	05/08/26 06:35	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/08/26 06:35	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:27	05/08/26 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/04/26 15:27	05/08/26 06:35	1
1,4-Difluorobenzene (Surr)	55	S1-	70 - 130	05/04/26 15:27	05/08/26 06:35	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-43-4

Lab Sample ID: 890-9874-38

Date Collected: 04/29/26 14:59

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			05/08/26 06:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/07/26 02:53	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:58	05/07/26 02:53	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/07/26 02:53	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/07/26 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				05/01/26 12:58	05/07/26 02:53	1
o-Terphenyl	143	S1+	70 - 130				05/01/26 12:58	05/07/26 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		99.4	3.93	mg/Kg			05/01/26 12:14	10

Client Sample ID: B-44-4

Lab Sample ID: 890-9874-39

Date Collected: 04/29/26 15:01

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		05/04/26 15:27	05/08/26 06:55	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		05/04/26 15:27	05/08/26 06:55	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		05/04/26 15:27	05/08/26 06:55	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		05/04/26 15:27	05/08/26 06:55	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		05/04/26 15:27	05/08/26 06:55	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		05/04/26 15:27	05/08/26 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/04/26 15:27	05/08/26 06:55	1
1,4-Difluorobenzene (Surr)	53	S1-	70 - 130				05/04/26 15:27	05/08/26 06:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			05/08/26 06:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/07/26 03:14	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	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:58	05/07/26 03:14	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/07/26 03:14	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-44-4

Lab Sample ID: 890-9874-39

Date Collected: 04/29/26 15:01

Matrix: Solid

Date Received: 04/30/26 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)	<15.1	U	50.0	15.1	mg/Kg	-	05/01/26 12:58	05/07/26 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				05/01/26 12:58	05/07/26 03:14	1
o-Terphenyl	152	S1+	70 - 130				05/01/26 12:58	05/07/26 03:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1820		99.6	3.93	mg/Kg	-		05/01/26 12:18	10

Client Sample ID: B-45-4

Lab Sample ID: 890-9874-40

Date Collected: 04/29/26 15:03

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg	-	05/04/26 15:27	05/08/26 07:16	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg	-	05/04/26 15:27	05/08/26 07:16	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg	-	05/04/26 15:27	05/08/26 07:16	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg	-	05/04/26 15:27	05/08/26 07:16	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg	-	05/04/26 15:27	05/08/26 07:16	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg	-	05/04/26 15:27	05/08/26 07:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				05/04/26 15:27	05/08/26 07:16	1
1,4-Difluorobenzene (Surr)	70		70 - 130				05/04/26 15:27	05/08/26 07:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg	-		05/08/26 07:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg	-		05/07/26 03:34	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	<14.5	U	50.0	14.5	mg/Kg	-	05/01/26 12:58	05/07/26 03:34	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg	-	05/01/26 12:58	05/07/26 03:34	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg	-	05/01/26 12:58	05/07/26 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				05/01/26 12:58	05/07/26 03:34	1
o-Terphenyl	157	S1+	70 - 130				05/01/26 12:58	05/07/26 03:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	906		99.0	3.91	mg/Kg	-		05/01/26 12:23	10

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-56-4

Lab Sample ID: 890-9874-41

Date Collected: 04/29/26 15:05

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/04/26 15:56	05/07/26 04:30	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/04/26 15:56	05/07/26 04:30	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		05/04/26 15:56	05/07/26 04:30	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:56	05/07/26 04:30	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/04/26 15:56	05/07/26 04:30	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		05/04/26 15:56	05/07/26 04:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/04/26 15:56	05/07/26 04:30	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/04/26 15:56	05/07/26 04:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			05/07/26 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	161		50.0	15.1	mg/Kg			05/06/26 20:05	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	<14.5	U F1 F2	50.0	14.5	mg/Kg		05/01/26 13:02	05/06/26 20:05	1
Diesel Range Organics (Over C10-C28)	161	B F1	50.0	15.1	mg/Kg		05/01/26 13:02	05/06/26 20:05	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 13:02	05/06/26 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/01/26 13:02	05/06/26 20:05	1
o-Terphenyl	116		70 - 130	05/01/26 13:02	05/06/26 20:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	717	F1	50.0	1.98	mg/Kg			05/01/26 12:28	5

Client Sample ID: B-57-4

Lab Sample ID: 890-9874-42

Date Collected: 04/29/26 15:07

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg		05/04/26 15:56	05/07/26 04:50	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:56	05/07/26 04:50	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:56	05/07/26 04:50	1
m-Xylene & p-Xylene	<0.00228	U	0.00398	0.00228	mg/Kg		05/04/26 15:56	05/07/26 04:50	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg		05/04/26 15:56	05/07/26 04:50	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg		05/04/26 15:56	05/07/26 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/04/26 15:56	05/07/26 04:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/04/26 15:56	05/07/26 04:50	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-57-4

Lab Sample ID: 890-9874-42

Date Collected: 04/29/26 15:07

Matrix: Solid

Date Received: 04/30/26 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg			05/07/26 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.9		49.9	15.1	mg/Kg			05/06/26 21:06	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	39.6	J	49.9	14.5	mg/Kg		05/01/26 13:02	05/06/26 21:06	1
Diesel Range Organics (Over C10-C28)	26.3	J B	49.9	15.1	mg/Kg		05/01/26 13:02	05/06/26 21:06	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		05/01/26 13:02	05/06/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				05/01/26 13:02	05/06/26 21:06	1
o-Terphenyl	121		70 - 130				05/01/26 13:02	05/06/26 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		10.0	0.397	mg/Kg			05/01/26 12:43	1

Client Sample ID: B-58-4

Lab Sample ID: 890-9874-43

Date Collected: 04/29/26 15:09

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:56	05/07/26 05:11	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:56	05/07/26 05:11	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:56	05/07/26 05:11	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:56	05/07/26 05:11	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:56	05/07/26 05:11	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/04/26 15:56	05/07/26 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				05/04/26 15:56	05/07/26 05:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/04/26 15:56	05/07/26 05:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/07/26 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.7	J	50.0	15.1	mg/Kg			05/06/26 21:26	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	15.2	J	50.0	14.5	mg/Kg		05/01/26 13:02	05/06/26 21:26	1
Diesel Range Organics (Over C10-C28)	22.5	J B	50.0	15.1	mg/Kg		05/01/26 13:02	05/06/26 21:26	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-58-4

Lab Sample ID: 890-9874-43

Date Collected: 04/29/26 15:09

Matrix: Solid

Date Received: 04/30/26 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)	<15.1	U	50.0	15.1	mg/Kg	-	05/01/26 13:02	05/06/26 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/01/26 13:02	05/06/26 21:26	1
o-Terphenyl	106		70 - 130				05/01/26 13:02	05/06/26 21:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	756		10.1	0.399	mg/Kg	-		05/01/26 12:47	1

Client Sample ID: B-59-4

Lab Sample ID: 890-9874-44

Date Collected: 04/29/26 15:11

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00199	0.00139	mg/Kg	-	05/04/26 15:56	05/07/26 05:31	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg	-	05/04/26 15:56	05/07/26 05:31	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg	-	05/04/26 15:56	05/07/26 05:31	1
m-Xylene & p-Xylene	<0.00228	U	0.00398	0.00228	mg/Kg	-	05/04/26 15:56	05/07/26 05:31	1
o-Xylene	<0.00158	U	0.00199	0.00158	mg/Kg	-	05/04/26 15:56	05/07/26 05:31	1
Xylenes, Total	<0.00228	U	0.00398	0.00228	mg/Kg	-	05/04/26 15:56	05/07/26 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/04/26 15:56	05/07/26 05:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/04/26 15:56	05/07/26 05:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00398	0.00228	mg/Kg	-		05/07/26 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26.6	J	49.8	15.1	mg/Kg	-		05/06/26 21:46	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	<14.5	U	49.8	14.5	mg/Kg	-	05/01/26 13:02	05/06/26 21:46	1
Diesel Range Organics (Over C10-C28)	26.6	J B	49.8	15.1	mg/Kg	-	05/01/26 13:02	05/06/26 21:46	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg	-	05/01/26 13:02	05/06/26 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/01/26 13:02	05/06/26 21:46	1
o-Terphenyl	105		70 - 130				05/01/26 13:02	05/06/26 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		9.96	0.393	mg/Kg	-		05/01/26 13:02	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-60-4

Lab Sample ID: 890-9874-45

Date Collected: 04/29/26 15:13

Matrix: Solid

Date Received: 04/30/26 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/04/26 15:56	05/07/26 05:52	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/04/26 15:56	05/07/26 05:52	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/04/26 15:56	05/07/26 05:52	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:56	05/07/26 05:52	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/04/26 15:56	05/07/26 05:52	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/04/26 15:56	05/07/26 05:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/04/26 15:56	05/07/26 05:52	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/04/26 15:56	05/07/26 05:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/07/26 05:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.3	J	49.8	15.1	mg/Kg			05/06/26 22:07	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	<14.5	U	49.8	14.5	mg/Kg		05/01/26 13:02	05/06/26 22:07	1
Diesel Range Organics (Over C10-C28)	28.3	J B	49.8	15.1	mg/Kg		05/01/26 13:02	05/06/26 22:07	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		05/01/26 13:02	05/06/26 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	05/01/26 13:02	05/06/26 22:07	1
o-Terphenyl	157	S1+	70 - 130	05/01/26 13:02	05/06/26 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	529		9.98	0.394	mg/Kg			05/01/26 13:07	1

Client Sample ID: B-61-4

Lab Sample ID: 890-9895-1

Date Collected: 05/04/26 10:10

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 12:49	05/08/26 08:46	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 12:49	05/08/26 08:46	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 12:49	05/08/26 08:46	1
m-Xylene & p-Xylene	0.00246	J	0.00399	0.00228	mg/Kg		05/07/26 12:49	05/08/26 08:46	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 12:49	05/08/26 08:46	1
Xylenes, Total	0.00246	J	0.00399	0.00228	mg/Kg		05/07/26 12:49	05/08/26 08:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/07/26 12:49	05/08/26 08:46	1
1,4-Difluorobenzene (Surr)	85		70 - 130	05/07/26 12:49	05/08/26 08:46	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-61-4

Lab Sample ID: 890-9895-1

Date Collected: 05/04/26 10:10

Matrix: Solid

Date Received: 05/05/26 15:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00246	J	0.00399	0.00228	mg/Kg			05/08/26 08:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.0	J	50.0	15.1	mg/Kg			05/08/26 11:51	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	<14.5	U	50.0	14.5	mg/Kg		05/08/26 08:01	05/08/26 11:51	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 11:51	1
Oil Range Organics (Over C28-C36)	18.0	J B	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 11:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				05/08/26 08:01	05/08/26 11:51	1
o-Terphenyl	88		70 - 130				05/08/26 08:01	05/08/26 11:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		9.94	0.393	mg/Kg			05/06/26 12:07	1

Client Sample ID: B-62-4

Lab Sample ID: 890-9895-2

Date Collected: 05/04/26 10:20

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		05/07/26 12:49	05/08/26 09:07	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		05/07/26 12:49	05/08/26 09:07	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		05/07/26 12:49	05/08/26 09:07	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		05/07/26 12:49	05/08/26 09:07	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		05/07/26 12:49	05/08/26 09:07	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		05/07/26 12:49	05/08/26 09:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				05/07/26 12:49	05/08/26 09:07	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/07/26 12:49	05/08/26 09:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			05/08/26 09:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.7	J	49.9	15.1	mg/Kg			05/08/26 12:05	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	<14.5	U	49.9	14.5	mg/Kg		05/08/26 08:01	05/08/26 12:05	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-62-4

Lab Sample ID: 890-9895-2

Date Collected: 05/04/26 10:20

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/08/26 08:01	05/08/26 12:05	1
Oil Range Organics (Over C28-C36)	20.7	J B	49.9	15.1	mg/Kg		05/08/26 08:01	05/08/26 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				05/08/26 08:01	05/08/26 12:05	1
o-Terphenyl	89		70 - 130				05/08/26 08:01	05/08/26 12:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	277		10.0	0.397	mg/Kg			05/06/26 12:12	1

Client Sample ID: B-63-4

Lab Sample ID: 890-9895-3

Date Collected: 05/04/26 10:30

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		05/07/26 12:49	05/08/26 09:27	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		05/07/26 12:49	05/08/26 09:27	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		05/07/26 12:49	05/08/26 09:27	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		05/07/26 12:49	05/08/26 09:27	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		05/07/26 12:49	05/08/26 09:27	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		05/07/26 12:49	05/08/26 09:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				05/07/26 12:49	05/08/26 09:27	1
1,4-Difluorobenzene (Surr)	87		70 - 130				05/07/26 12:49	05/08/26 09:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			05/08/26 09:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.9	J	49.9	15.1	mg/Kg			05/08/26 12:19	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	<14.5	U	49.9	14.5	mg/Kg		05/08/26 08:01	05/08/26 12:19	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.9	15.1	mg/Kg		05/08/26 08:01	05/08/26 12:19	1
Oil Range Organics (Over C28-C36)	17.9	J B	49.9	15.1	mg/Kg		05/08/26 08:01	05/08/26 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				05/08/26 08:01	05/08/26 12:19	1
o-Terphenyl	83		70 - 130				05/08/26 08:01	05/08/26 12:19	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-63-4

Lab Sample ID: 890-9895-3

Date Collected: 05/04/26 10:30

Matrix: Solid

Date Received: 05/05/26 15:25

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	563		10.1	0.398	mg/Kg			05/06/26 12:17	1

Client Sample ID: SW-10-0-4

Lab Sample ID: 890-9895-4

Date Collected: 05/04/26 10:40

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		05/07/26 12:49	05/08/26 09:48	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		05/07/26 12:49	05/08/26 09:48	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		05/07/26 12:49	05/08/26 09:48	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		05/07/26 12:49	05/08/26 09:48	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		05/07/26 12:49	05/08/26 09:48	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		05/07/26 12:49	05/08/26 09:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				05/07/26 12:49	05/08/26 09:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/07/26 12:49	05/08/26 09:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			05/08/26 09:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/08/26 12:49	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	<14.5	U	50.0	14.5	mg/Kg		05/08/26 08:01	05/08/26 12:49	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 12:49	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				05/08/26 08:01	05/08/26 12:49	1
o-Terphenyl	87		70 - 130				05/08/26 08:01	05/08/26 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		9.96	0.393	mg/Kg			05/06/26 12:22	1

Client Sample ID: SW-8-0-4

Lab Sample ID: 890-9895-5

Date Collected: 05/04/26 10:50

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 12:49	05/08/26 10:08	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 12:49	05/08/26 10:08	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 12:49	05/08/26 10:08	1

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Client Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: SW-8-0-4

Lab Sample ID: 890-9895-5

Date Collected: 05/04/26 10:50

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 12:49	05/08/26 10:08	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 12:49	05/08/26 10:08	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 12:49	05/08/26 10:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				05/07/26 12:49	05/08/26 10:08	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/07/26 12:49	05/08/26 10:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			05/08/26 10:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			05/08/26 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	<14.5	U	49.8	14.5	mg/Kg		05/08/26 08:01	05/08/26 13:03	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		05/08/26 08:01	05/08/26 13:03	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		05/08/26 08:01	05/08/26 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				05/08/26 08:01	05/08/26 13:03	1
o-Terphenyl	78		70 - 130				05/08/26 08:01	05/08/26 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	588		9.92	0.392	mg/Kg			05/06/26 12:27	1

Client Sample ID: SW-9-0-4

Lab Sample ID: 890-9895-6

Date Collected: 05/04/26 11:00

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		05/07/26 12:49	05/08/26 10:29	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		05/07/26 12:49	05/08/26 10:29	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		05/07/26 12:49	05/08/26 10:29	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		05/07/26 12:49	05/08/26 10:29	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		05/07/26 12:49	05/08/26 10:29	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		05/07/26 12:49	05/08/26 10:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				05/07/26 12:49	05/08/26 10:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/07/26 12:49	05/08/26 10:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			05/08/26 10:29	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-9-0-4

Lab Sample ID: 890-9895-6

Date Collected: 05/04/26 11:00

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			05/08/26 13:17	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	<14.5	U	50.0	14.5	mg/Kg		05/08/26 08:01	05/08/26 13:17	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 13:17	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/08/26 08:01	05/08/26 13:17	1
o-Terphenyl	89		70 - 130				05/08/26 08:01	05/08/26 13:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	443		10.0	0.396	mg/Kg			05/06/26 12:32	1

Client Sample ID: B-64-4

Lab Sample ID: 890-9895-7

Date Collected: 05/04/26 11:10

Matrix: Solid

Date Received: 05/05/26 15:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 12:49	05/08/26 10:49	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 12:49	05/08/26 10:49	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 12:49	05/08/26 10:49	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		05/07/26 12:49	05/08/26 10:49	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 12:49	05/08/26 10:49	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		05/07/26 12:49	05/08/26 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				05/07/26 12:49	05/08/26 10:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/07/26 12:49	05/08/26 10:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			05/08/26 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.8	15.1	mg/Kg			05/08/26 13:31	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	<14.5	U	49.8	14.5	mg/Kg		05/08/26 08:01	05/08/26 13:31	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		05/08/26 08:01	05/08/26 13:31	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		05/08/26 08:01	05/08/26 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				05/08/26 08:01	05/08/26 13:31	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-64-4
Date Collected: 05/04/26 11:10
Date Received: 05/05/26 15:25

Lab Sample ID: 890-9895-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	87		70 - 130				05/08/26 08:01	05/08/26 13:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.1		9.98	0.394	mg/Kg			05/06/26 12:37	1

Surrogate Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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)
880-71105-1	Backfill	91	118
890-9809-1	B-1-4	180 S1+	87
890-9809-2	B-2-4	158 S1+	74
890-9809-3	B-3-4	182 S1+	87
890-9809-4	B-6-4	172 S1+	86
890-9809-5	B-7-4	173 S1+	100
890-9809-6	B-8-4	176 S1+	104
890-9809-7	B-9-4	171 S1+	85
890-9809-8	B-10-4	169 S1+	85
890-9809-9	B-11-4	183 S1+	87
890-9809-10	SW-1-0-4	179 S1+	87
890-9836-1	SW-2-0-4	91	95
890-9836-1 MS	SW-2-0-4	119	102
890-9836-1 MSD	SW-2-0-4	103	105
890-9836-2	B-4 -4	115	100
890-9836-3	B-12 -4	121	100
890-9836-4	B-13 -4	115	97
890-9836-5	B-14 -4	110	99
890-9836-6	B-15 -4	121	104
890-9836-7	B-16 -4	119	98
890-9836-8	B-17 -4	124	99
890-9836-9	B-18 -4	126	92
890-9836-10	B-19 -4	139 S1+	100
890-9836-11	B-20 -4	97	90
890-9836-12	B-21 -4	122	96
890-9836-13	B-22 -4	119	96
890-9836-14	SW-3-0-4	121	98
890-9874-1	SW-4-0-4	102	91
890-9874-1 MS	SW-4-0-4	107	100
890-9874-1 MSD	SW-4-0-4	109	95
890-9874-2	SW-5-0-4	114	101
890-9874-3	SW-6-0-4	112	97
890-9874-4	SW-7-0-4	103	94
890-9874-5	B-23-4	114	99
890-9874-6	B-24-4	109	98
890-9874-7	B-25-4	107	96
890-9874-8	B-26-4	107	93
890-9874-9	B-27-4	109	97
890-9874-10	B-28-4	109	94
890-9874-11	B-29-4	103	98
890-9874-12	B-30-4	110	96
890-9874-13	B-31-4	107	96
890-9874-14	B-32-4	104	85
890-9874-15	B-33-4	107	95
890-9874-16	B-34-4	111	98
890-9874-17	B-35-4	108	96
890-9874-18	B-36-4	106	96
890-9874-19	B-37-4	123	110
890-9874-20	B-38-4	109	100

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Surrogate Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 8021B - Volatile Organic Compounds (GC) (Continued)
Matrix: Solid
Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9874-21	B-39-4	140 S1+	76
890-9874-21 MS	B-39-4	139 S1+	97
890-9874-21 MSD	B-39-4	156 S1+	103
890-9874-22	B-40-4	101	70
890-9874-23	B-46-4	160 S1+	86
890-9874-24	B-47-4	125	73
890-9874-25	B-48-4	109	66 S1-
890-9874-26	B-49-4	143 S1+	76
890-9874-27	B-50-4	133 S1+	74
890-9874-28	B-51-4	88	58 S1-
890-9874-29	B-52-4	152 S1+	84
890-9874-30	B-53-4	94	58 S1-
890-9874-31	B-54-4	98	57 S1-
890-9874-32	B-55-4	149 S1+	85
890-9874-33	B-5-13	121	73
890-9874-34	SW-12-4-13	109	68 S1-
890-9874-35	SW-13-4-13	111	65 S1-
890-9874-36	B-41-4	118	74
890-9874-37	B-42-4	141 S1+	73
890-9874-38	B-43-4	98	55 S1-
890-9874-39	B-44-4	95	53 S1-
890-9874-40	B-45-4	119	70
890-9874-41	B-56-4	98	91
890-9874-42	B-57-4	95	95
890-9874-43	B-58-4	97	95
890-9874-44	B-59-4	95	98
890-9874-45	B-60-4	98	93
890-9895-1	B-61-4	114	85
890-9895-2	B-62-4	120	90
890-9895-3	B-63-4	125	87
890-9895-4	SW-10-0-4	144 S1+	94
890-9895-5	SW-8-0-4	142 S1+	88
890-9895-6	SW-9-0-4	144 S1+	98
890-9895-7	B-64-4	142 S1+	91
LCS 880-139016/1-A	Lab Control Sample	86	120
LCS 880-139444/1-A	Lab Control Sample	143 S1+	83
LCS 880-139684/1-A	Lab Control Sample	108	109
LCS 880-139830/1-A	Lab Control Sample	99	93
LCS 880-139832/1-A	Lab Control Sample	129	82
LCS 880-139843/1-A	Lab Control Sample	96	102
LCS 880-140190/1-A	Lab Control Sample	102	90
LCSD 880-139016/2-A	Lab Control Sample Dup	98	126
LCSD 880-139444/2-A	Lab Control Sample Dup	139 S1+	75
LCSD 880-139684/2-A	Lab Control Sample Dup	107	105
LCSD 880-139830/2-A	Lab Control Sample Dup	104	100
LCSD 880-139832/2-A	Lab Control Sample Dup	114	108
LCSD 880-139843/2-A	Lab Control Sample Dup	94	101
LCSD 880-140190/2-A	Lab Control Sample Dup	105	116
MB 880-139016/5-A	Method Blank	95	117
MB 880-139444/5-A	Method Blank	184 S1+	77

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Surrogate Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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)
MB 880-139480/5-A	Method Blank	192 S1+	117
MB 880-139684/5-A	Method Blank	254 S1+	128
MB 880-139830/5-A	Method Blank	105	95
MB 880-139832/5-A	Method Blank	94	58 S1-
MB 880-139843/5-A	Method Blank	109	89
MB 880-140005/5-A	Method Blank	106	89
MB 880-140159/5-A	Method Blank	304 S1+	115
MB 880-140160/5-A	Method Blank	99	91
MB 880-140161/5-A	Method Blank	86	57 S1-
MB 880-140190/5-A	Method Blank	356 S1+	126

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)
880-71105-1	Backfill	66 S1-	54 S1-
880-71105-1 MS	Backfill	97	70
880-71105-1 MSD	Backfill	64 S1-	46 S1-
890-9809-1	B-1-4	91	96
890-9809-1 MS	B-1-4	89	97
890-9809-1 MSD	B-1-4	103	96
890-9809-2	B-2-4	90	94
890-9809-3	B-3-4	95	100
890-9809-4	B-6-4	99	102
890-9809-5	B-7-4	97	102
890-9809-6	B-8-4	106	112
890-9809-7	B-9-4	105	110
890-9809-8	B-10-4	92	93
890-9809-9	B-11-4	92	96
890-9809-10	SW-1-0-4	112	117
890-9836-1	SW-2-0-4	98	94
890-9836-2	B-4 -4	107	99
890-9836-3	B-12 -4	92	87
890-9836-4	B-13 -4	89	89
890-9836-5	B-14 -4	87	81
890-9836-6	B-15 -4	90	88
890-9836-7	B-16 -4	112	115
890-9836-8	B-17 -4	104	112
890-9836-9	B-18 -4	124	129
890-9836-10	B-19 -4	113	115
890-9836-11	B-20 -4	120	122
890-9836-12	B-21 -4	116	113
890-9836-13	B-22 -4	116	116
890-9836-14	SW-3-0-4	122	124
890-9874-1	SW-4-0-4	75	80

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Surrogate Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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)
890-9874-1 MS	SW-4-0-4	89	87
890-9874-1 MSD	SW-4-0-4	91	89
890-9874-2	SW-5-0-4	77	84
890-9874-3	SW-6-0-4	78	82
890-9874-4	SW-7-0-4	108	117
890-9874-5	B-23-4	80	74
890-9874-6	B-24-4	87	85
890-9874-7	B-25-4	91	86
890-9874-8	B-26-4	134 S1+	139 S1+
890-9874-9	B-27-4	136 S1+	145 S1+
890-9874-10	B-28-4	98	105
890-9874-11	B-29-4	87	94
890-9874-12	B-30-4	83	82
890-9874-13	B-31-4	91	98
890-9874-14	B-32-4	87	93
890-9874-15	B-33-4	91	98
890-9874-16	B-34-4	92	99
890-9874-17	B-35-4	93	100
890-9874-18	B-36-4	89	95
890-9874-19	B-37-4	95	100
890-9874-20	B-38-4	94	98
890-9874-21	B-39-4	135 S1+	139 S1+
890-9874-21 MS	B-39-4	150 S1+	133 S1+
890-9874-21 MSD	B-39-4	148 S1+	154 S1+
890-9874-22	B-40-4	167 S1+	174 S1+
890-9874-23	B-46-4	140 S1+	144 S1+
890-9874-24	B-47-4	145 S1+	142 S1+
890-9874-25	B-48-4	141 S1+	140 S1+
890-9874-26	B-49-4	214 S1+	210 S1+
890-9874-27	B-50-4	232 S1+	226 S1+
890-9874-28	B-51-4	147 S1+	143 S1+
890-9874-29	B-52-4	144 S1+	143 S1+
890-9874-30	B-53-4	131 S1+	129
890-9874-31	B-54-4	146 S1+	148 S1+
890-9874-32	B-55-4	182 S1+	170 S1+
890-9874-33	B-5-13	280 S1+	271 S1+
890-9874-34	SW-12-4-13	133 S1+	132 S1+
890-9874-35	SW-13-4-13	149 S1+	166 S1+
890-9874-36	B-41-4	141 S1+	156 S1+
890-9874-37	B-42-4	153 S1+	165 S1+
890-9874-38	B-43-4	141 S1+	143 S1+
890-9874-39	B-44-4	131 S1+	152 S1+
890-9874-40	B-45-4	140 S1+	157 S1+
890-9874-41	B-56-4	96	116
890-9874-41 MS	B-56-4	94	99
890-9874-41 MSD	B-56-4	88	91
890-9874-42	B-57-4	103	121
890-9874-43	B-58-4	96	106
890-9874-44	B-59-4	92	105
890-9874-45	B-60-4	145 S1+	157 S1+

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Surrogate Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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)
890-9895-1	B-61-4	85	88
890-9895-2	B-62-4	86	89
890-9895-3	B-63-4	81	83
890-9895-4	SW-10-0-4	86	87
890-9895-5	SW-8-0-4	77	78
890-9895-6	SW-9-0-4	89	89
890-9895-7	B-64-4	84	87
LCS 880-138247/2-A	Lab Control Sample	126	116
LCS 880-139340/2-A	Lab Control Sample	109	102
LCS 880-139636/2-A	Lab Control Sample	104	99
LCS 880-139637/2-A	Lab Control Sample	125	108
LCS 880-139638/2-A	Lab Control Sample	111	109
LCS 880-139659/2-A	Lab Control Sample	102	85
LCS 880-139683/2-A	Lab Control Sample	94	119
LCS 880-140262/2-A	Lab Control Sample	95	90
LCSD 880-138247/3-A	Lab Control Sample Dup	85	80
LCSD 880-139340/3-A	Lab Control Sample Dup	126	118
LCSD 880-139636/3-A	Lab Control Sample Dup	91	99
LCSD 880-139637/3-A	Lab Control Sample Dup	110	104
LCSD 880-139638/3-A	Lab Control Sample Dup	102	100
LCSD 880-139659/3-A	Lab Control Sample Dup	115	98
LCSD 880-139683/3-A	Lab Control Sample Dup	94	111
LCSD 880-140262/3-A	Lab Control Sample Dup	83	90
MB 880-138247/1-A	Method Blank	75	75
MB 880-139340/1-A	Method Blank	92	95
MB 880-139636/1-A	Method Blank	90	90
MB 880-139637/1-A	Method Blank	122	119
MB 880-139638/1-A	Method Blank	100	113
MB 880-139659/1-A	Method Blank	97	91
MB 880-139683/1-A	Method Blank	103	107
MB 880-140262/1-A	Method Blank	80	86

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139016/5-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139016

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/26/26 17:01	04/26/26 19:11	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/26/26 17:01	04/26/26 19:11	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/26/26 17:01	04/26/26 19:11	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		04/26/26 17:01	04/26/26 19:11	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/26/26 17:01	04/26/26 19:11	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		04/26/26 17:01	04/26/26 19:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/26/26 17:01	04/26/26 19:11	1
1,4-Difluorobenzene (Surr)	117		70 - 130	04/26/26 17:01	04/26/26 19:11	1

Lab Sample ID: LCS 880-139016/1-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1297		mg/Kg		130	70 - 130
Toluene	0.100	0.08487		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.07689		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1560		mg/Kg		78	70 - 130
o-Xylene	0.100	0.08072		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-139016/2-A

Matrix: Solid

Analysis Batch: 139012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139016

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1159		mg/Kg		116	70 - 130	11	35
Toluene	0.100	0.07887		mg/Kg		79	70 - 130	7	35
Ethylbenzene	0.100	0.07106		mg/Kg		71	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1469		mg/Kg		73	70 - 130	6	35
o-Xylene	0.100	0.07495		mg/Kg		75	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	126		70 - 130

Lab Sample ID: MB 880-139444/5-A

Matrix: Solid

Analysis Batch: 139433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139444

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/30/26 09:29	04/30/26 11:06	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/30/26 09:29	04/30/26 11:06	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: MB 880-139444/5-A

Matrix: Solid

Analysis Batch: 139433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139444

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/30/26 09:29	04/30/26 11:06	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		04/30/26 09:29	04/30/26 11:06	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/30/26 09:29	04/30/26 11:06	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		04/30/26 09:29	04/30/26 11:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130	04/30/26 09:29	04/30/26 11:06	1
1,4-Difluorobenzene (Surr)	77		70 - 130	04/30/26 09:29	04/30/26 11:06	1

Lab Sample ID: LCS 880-139444/1-A

Matrix: Solid

Analysis Batch: 139433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139444

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1154		mg/Kg		115	70 - 130
Toluene	0.100	0.1101		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1135		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2215		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1103		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: LCSD 880-139444/2-A

Matrix: Solid

Analysis Batch: 139433

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139444

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1155		mg/Kg		115	70 - 130	0	35
Toluene	0.100	0.1104		mg/Kg		110	70 - 130	0	35
Ethylbenzene	0.100	0.1151		mg/Kg		115	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	75		70 - 130

Lab Sample ID: MB 880-139480/5-A

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		04/30/26 11:38	05/02/26 19:18	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		04/30/26 11:38	05/02/26 19:18	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		04/30/26 11:38	05/02/26 19:18	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		04/30/26 11:38	05/02/26 19:18	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: MB 880-139480/5-A

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		04/30/26 11:38	05/02/26 19:18	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		04/30/26 11:38	05/02/26 19:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130	04/30/26 11:38	05/02/26 19:18	1
1,4-Difluorobenzene (Surr)	117		70 - 130	04/30/26 11:38	05/02/26 19:18	1

Lab Sample ID: MB 880-139684/5-A

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/01/26 15:38	05/03/26 06:56	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/01/26 15:38	05/03/26 06:56	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/01/26 15:38	05/03/26 06:56	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/01/26 15:38	05/03/26 06:56	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/01/26 15:38	05/03/26 06:56	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/01/26 15:38	05/03/26 06:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	254	S1+	70 - 130	05/01/26 15:38	05/03/26 06:56	1
1,4-Difluorobenzene (Surr)	128		70 - 130	05/01/26 15:38	05/03/26 06:56	1

Lab Sample ID: LCS 880-139684/1-A

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1035		mg/Kg		104	70 - 130
Toluene	0.100	0.08529		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09338		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1991		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1005		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-139684/2-A

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139684

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1016		mg/Kg		102	70 - 130	2	35
Toluene	0.100	0.09113		mg/Kg		91	70 - 130	7	35
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2086		mg/Kg		104	70 - 130	5	35
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130	3	35

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-9836-1 MS

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: SW-2-0-4

Prep Type: Total/NA

Prep Batch: 139684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U F1	0.100	0.03294	F1	mg/Kg		33	70 - 130
Toluene	<0.00200	U F1	0.100	0.02783	F1	mg/Kg		28	70 - 130
Ethylbenzene	<0.00109	U F1	0.100	0.03004	F1	mg/Kg		30	70 - 130
m-Xylene & p-Xylene	<0.00228	U F1	0.200	0.06812	F1	mg/Kg		34	70 - 130
o-Xylene	<0.00158	U F1	0.100	0.03988	F1	mg/Kg		40	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-9836-1 MSD

Matrix: Solid

Analysis Batch: 139715

Client Sample ID: SW-2-0-4

Prep Type: Total/NA

Prep Batch: 139684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00139	U F1	0.100	0.03965	F1	mg/Kg		40	70 - 130	18	35
Toluene	<0.00200	U F1	0.100	0.03093	F1	mg/Kg		31	70 - 130	11	35
Ethylbenzene	<0.00109	U F1	0.100	0.03144	F1	mg/Kg		31	70 - 130	5	35
m-Xylene & p-Xylene	<0.00228	U F1	0.200	0.06982	F1	mg/Kg		35	70 - 130	2	35
o-Xylene	<0.00158	U F1	0.100	0.04123	F1	mg/Kg		41	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-139830/5-A

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:21	05/07/26 22:27	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:21	05/07/26 22:27	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:21	05/07/26 22:27	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:21	05/07/26 22:27	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:21	05/07/26 22:27	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:21	05/07/26 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	05/04/26 15:21	05/07/26 22:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/04/26 15:21	05/07/26 22:27	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: LCS 880-139830/1-A

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139830

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1172		mg/Kg		117	70 - 130
Toluene	0.100	0.1146		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1097		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2272		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1146		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-139830/2-A

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139830

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1140		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1085		mg/Kg		109	70 - 130	5	35
Ethylbenzene	0.100	0.1076		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2170		mg/Kg		109	70 - 130	5	35
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9874-1 MS

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: SW-4-0-4

Prep Type: Total/NA

Prep Batch: 139830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.100	0.08230		mg/Kg		82	70 - 130
Toluene	<0.00200	U	0.100	0.07787		mg/Kg		78	70 - 130
Ethylbenzene	<0.00109	U	0.100	0.07592		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00228	U	0.200	0.1530		mg/Kg		76	70 - 130
o-Xylene	<0.00158	U	0.100	0.07640		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-9874-1 MSD

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: SW-4-0-4

Prep Type: Total/NA

Prep Batch: 139830

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.100	0.08108		mg/Kg		81	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.07788		mg/Kg		78	70 - 130	0	35
Ethylbenzene	<0.00109	U	0.100	0.07742		mg/Kg		77	70 - 130	2	35

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: 890-9874-1 MSD

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: SW-4-0-4

Prep Type: Total/NA

Prep Batch: 139830

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00228	U	0.200	0.1566		mg/Kg		78	70 - 130	2	35
o-Xylene	<0.00158	U	0.100	0.07823		mg/Kg		78	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-139832/5-A

Matrix: Solid

Analysis Batch: 140124

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:27	05/07/26 23:08	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:27	05/07/26 23:08	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:27	05/07/26 23:08	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:27	05/07/26 23:08	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:27	05/07/26 23:08	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:27	05/07/26 23:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/04/26 15:27	05/07/26 23:08	1
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130	05/04/26 15:27	05/07/26 23:08	1

Lab Sample ID: LCS 880-139832/1-A

Matrix: Solid

Analysis Batch: 140124

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09627		mg/Kg		96	70 - 130
Toluene	0.100	0.1036		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.08179		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1628		mg/Kg		81	70 - 130
o-Xylene	0.100	0.08950		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-139832/2-A

Matrix: Solid

Analysis Batch: 140124

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1092		mg/Kg		109	70 - 130	13	35
Toluene	0.100	0.1080		mg/Kg		108	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		106	70 - 130	26	35
m-Xylene & p-Xylene	0.200	0.1960		mg/Kg		98	70 - 130	19	35
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130	13	35

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-9874-21 MS

Matrix: Solid

Analysis Batch: 140124

Client Sample ID: B-39-4

Prep Type: Total/NA

Prep Batch: 139832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.100	0.08420		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.08548		mg/Kg		85	70 - 130
Ethylbenzene	<0.00109	U	0.100	0.07354		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00228	U	0.200	0.1953		mg/Kg		98	70 - 130
o-Xylene	<0.00158	U	0.100	0.1040		mg/Kg		104	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9874-21 MSD

Matrix: Solid

Analysis Batch: 140124

Client Sample ID: B-39-4

Prep Type: Total/NA

Prep Batch: 139832

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00139	U	0.100	0.09441		mg/Kg		94	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.09545		mg/Kg		95	70 - 130	11	35
Ethylbenzene	<0.00109	U	0.100	0.07120		mg/Kg		71	70 - 130	3	35
m-Xylene & p-Xylene	<0.00228	U	0.200	0.2179		mg/Kg		109	70 - 130	11	35
o-Xylene	<0.00158	U	0.100	0.1184		mg/Kg		118	70 - 130	13	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-139843/5-A

Matrix: Solid

Analysis Batch: 140000

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/04/26 15:56	05/06/26 22:09	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/04/26 15:56	05/06/26 22:09	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/04/26 15:56	05/06/26 22:09	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:56	05/06/26 22:09	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/04/26 15:56	05/06/26 22:09	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/04/26 15:56	05/06/26 22:09	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	109		70 - 130	05/04/26 15:56	05/06/26 22:09	1			
1,4-Difluorobenzene (Surr)	89		70 - 130	05/04/26 15:56	05/06/26 22:09	1			

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: LCS 880-139843/1-A

Matrix: Solid

Analysis Batch: 140000

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08910		mg/Kg		89	70 - 130
Toluene	0.100	0.08716		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09035		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1797		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08938		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-139843/2-A

Matrix: Solid

Analysis Batch: 140000

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08724		mg/Kg		87	70 - 130	2	35
Toluene	0.100	0.08707		mg/Kg		87	70 - 130	0	35
Ethylbenzene	0.100	0.09007		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1799		mg/Kg		90	70 - 130	0	35
o-Xylene	0.100	0.08918		mg/Kg		89	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-140005/5-A

Matrix: Solid

Analysis Batch: 140000

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140005

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/06/26 08:43	05/06/26 11:12	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/06/26 08:43	05/06/26 11:12	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/06/26 08:43	05/06/26 11:12	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/06/26 08:43	05/06/26 11:12	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/06/26 08:43	05/06/26 11:12	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/06/26 08:43	05/06/26 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/06/26 08:43	05/06/26 11:12	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/06/26 08:43	05/06/26 11:12	1

Lab Sample ID: MB 880-140159/5-A

Matrix: Solid

Analysis Batch: 140129

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 10:32	05/07/26 13:12	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 10:32	05/07/26 13:12	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: MB 880-140159/5-A

Matrix: Solid

Analysis Batch: 140129

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 10:32	05/07/26 13:12	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 10:32	05/07/26 13:12	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 10:32	05/07/26 13:12	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 10:32	05/07/26 13:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	304	S1+	70 - 130	05/07/26 10:32	05/07/26 13:12	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/07/26 10:32	05/07/26 13:12	1

Lab Sample ID: MB 880-140160/5-A

Matrix: Solid

Analysis Batch: 140106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140160

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 07:00	05/07/26 11:42	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 07:00	05/07/26 11:42	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 07:00	05/07/26 11:42	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 07:00	05/07/26 11:42	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 07:00	05/07/26 11:42	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 07:00	05/07/26 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/07/26 07:00	05/07/26 11:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/07/26 07:00	05/07/26 11:42	1

Lab Sample ID: MB 880-140161/5-A

Matrix: Solid

Analysis Batch: 140124

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140161

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 10:33	05/07/26 11:49	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 10:33	05/07/26 11:49	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 10:33	05/07/26 11:49	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 10:33	05/07/26 11:49	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 10:33	05/07/26 11:49	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 10:33	05/07/26 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	05/07/26 10:33	05/07/26 11:49	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130	05/07/26 10:33	05/07/26 11:49	1

Lab Sample ID: MB 880-140190/5-A

Matrix: Solid

Analysis Batch: 140129

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		05/07/26 12:49	05/08/26 00:51	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		05/07/26 12:49	05/08/26 00:51	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: MB 880-140190/5-A

Matrix: Solid

Analysis Batch: 140129

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		05/07/26 12:49	05/08/26 00:51	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 12:49	05/08/26 00:51	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		05/07/26 12:49	05/08/26 00:51	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		05/07/26 12:49	05/08/26 00:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	356	S1+	70 - 130	05/07/26 12:49	05/08/26 00:51	1
1,4-Difluorobenzene (Surr)	126		70 - 130	05/07/26 12:49	05/08/26 00:51	1

Lab Sample ID: LCS 880-140190/1-A

Matrix: Solid

Analysis Batch: 140129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09228		mg/Kg		92	70 - 130
Toluene	0.100	0.07382		mg/Kg		74	70 - 130
Ethylbenzene	0.100	0.07870		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09246		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-140190/2-A

Matrix: Solid

Analysis Batch: 140129

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09486		mg/Kg		95	70 - 130	3	35
Toluene	0.100	0.07986		mg/Kg		80	70 - 130	8	35
Ethylbenzene	0.100	0.08529		mg/Kg		85	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1845		mg/Kg		92	70 - 130	2	35
o-Xylene	0.100	0.09492		mg/Kg		95	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

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

Lab Sample ID: MB 880-138247/1-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/19/26 17:38	04/24/26 02:29	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: MB 880-138247/1-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	23.74	J	50.0	15.1	mg/Kg		04/19/26 17:38	04/24/26 02:29	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/19/26 17:38	04/24/26 02:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				04/19/26 17:38	04/24/26 02:29	1
o-Terphenyl	75		70 - 130				04/19/26 17:38	04/24/26 02:29	1

Lab Sample ID: LCS 880-138247/2-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1134		mg/Kg		113	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	126		70 - 130				
o-Terphenyl	116		70 - 130				

Lab Sample ID: LCSD 880-138247/3-A

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1082		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	774.7	*1	mg/Kg		77	70 - 130	38	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	85		70 - 130						
o-Terphenyl	80		70 - 130						

Lab Sample ID: 880-71105-1 MS

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Backfill

Prep Type: Total/NA

Prep Batch: 138247

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.9	J F1 F2	1000	659.2	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	23.5	J B *1 F1 F2	1000	610.9	F1	mg/Kg		59	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	70		70 - 130						

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: 880-71105-1 MSD

Matrix: Solid

Analysis Batch: 138804

Client Sample ID: Backfill

Prep Type: Total/NA

Prep Batch: 138247

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	25.9	J F1 F2	1000	1042	F2	mg/Kg		101	70 - 130	45	20
Diesel Range Organics (Over C10-C28)	23.5	J B *1 F1 F2	1000	399.0	F1 F2	mg/Kg		38	70 - 130	42	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	64	S1-	70 - 130								
o-Terphenyl	46	S1-	70 - 130								

Lab Sample ID: MB 880-139340/1-A

Matrix: Solid

Analysis Batch: 139706

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		04/29/26 10:36	05/02/26 04:25	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 04:25	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		04/29/26 10:36	05/02/26 04:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				04/29/26 10:36	05/02/26 04:25	1
o-Terphenyl	95		70 - 130				04/29/26 10:36	05/02/26 04:25	1

Lab Sample ID: LCS 880-139340/2-A

Matrix: Solid

Analysis Batch: 139706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	881.7		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	949.0		mg/Kg		95	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: LCSD 880-139340/3-A

Matrix: Solid

Analysis Batch: 139706

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	15	20

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: LCSD 880-139340/3-A

Matrix: Solid

Analysis Batch: 139706

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139340

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 890-9809-1 MS

Matrix: Solid

Analysis Batch: 139706

Client Sample ID: B-1-4

Prep Type: Total/NA

Prep Batch: 139340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	999	851.7		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	16.7	J	999	941.7		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: 890-9809-1 MSD

Matrix: Solid

Analysis Batch: 139706

Client Sample ID: B-1-4

Prep Type: Total/NA

Prep Batch: 139340

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	<14.5	U	1000	863.7		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	16.7	J	1000	907.5		mg/Kg		89	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	96		70 - 130								

Lab Sample ID: MB 880-139636/1-A

Matrix: Solid

Analysis Batch: 140027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		05/01/26 12:56	05/07/26 00:07	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 00:07	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:56	05/07/26 00:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				05/01/26 12:56	05/07/26 00:07	1
o-Terphenyl	90		70 - 130				05/01/26 12:56	05/07/26 00:07	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: LCS 880-139636/2-A

Matrix: Solid

Analysis Batch: 140027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139636

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	928.0		mg/Kg		93		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	879.5		mg/Kg		88		70 - 130	

Lab Sample ID: LCSD 880-139636/3-A

Matrix: Solid

Analysis Batch: 140027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139636

Analysis Date: 7/26/27							Top Date: 7/26/27				
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	961.4		mg/Kg		96	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	939.6		mg/Kg		94	70 - 130	7	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-9874-1 MS

Matrix: Solid

Analysis Batch: 140027

Client Sample ID: SW-4-0-4

Prep Type: Total/NA

Prep Batch: 139636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	997	703.5		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.2	U	997	778.8		mg/Kg		78	70 - 130		

Lab Sample ID: 890-9874-1 MSD

Matrix: Solid

Analysis Batch: 140027

Client Sample ID: SW-4-0-4

Prep Type: Total/NA

Prep Batch: 139636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	997	731.9		mg/Kg	-	73	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<15.2	U	997	809.9		mg/Kg		81	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: 890-9874-1 MSD

Matrix: Solid

Analysis Batch: 140027

Client Sample ID: SW-4-0-4

Prep Type: Total/NA

Prep Batch: 139636

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	89		70 - 130

Lab Sample ID: MB 880-139637/1-A

Matrix: Solid

Analysis Batch: 140108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139637

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg	-	05/01/26 12:58	05/06/26 14:41	1	
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 14:41	1	
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 12:58	05/06/26 14:41	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	122		70 - 130				05/01/26 12:58	05/06/26 14:41	1	
<i>o</i> -Terphenyl	119		70 - 130				05/01/26 12:58	05/06/26 14:41	1	

Lab Sample ID: LCS 880-139637/2-A

Matrix: Solid

Analysis Batch: 140108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139637

		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1030		mg/Kg	-	103	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1255		mg/Kg		126	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	125		70 - 130							
<i>o</i> -Terphenyl	108		70 - 130							

Lab Sample ID: LCSD 880-139637/3-A

Matrix: Solid

Analysis Batch: 140108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139637

		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	913.9		mg/Kg	-	91	70 - 130	12	20
Diesel Range Organics (Over C10-C28)		1000	1119		mg/Kg		112	70 - 130	11	20
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	110		70 - 130							
<i>o</i> -Terphenyl	104		70 - 130							

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: 890-9874-21 MS

Matrix: Solid

Analysis Batch: 140108

Client Sample ID: B-39-4

Prep Type: Total/NA

Prep Batch: 139637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	1000	761.4		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	15.8	J	1000	1020		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	150	S1+	70 - 130						
o-Terphenyl	133	S1+	70 - 130						

Lab Sample ID: 890-9874-21 MSD

Matrix: Solid

Analysis Batch: 140108

Client Sample ID: B-39-4

Prep Type: Total/NA

Prep Batch: 139637

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	<14.5	U	1000	708.8		mg/Kg		71	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	15.8	J	1000	1107		mg/Kg		109	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	148	S1+	70 - 130								
o-Terphenyl	154	S1+	70 - 130								

Lab Sample ID: MB 880-139638/1-A

Matrix: Solid

Analysis Batch: 140110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		05/01/26 13:02	05/06/26 14:41	1
Diesel Range Organics (Over C10-C28)	21.41	J	50.0	15.1	mg/Kg		05/01/26 13:02	05/06/26 14:41	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 13:02	05/06/26 14:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				05/01/26 13:02	05/06/26 14:41	1
o-Terphenyl	113		70 - 130				05/01/26 13:02	05/06/26 14:41	1

Lab Sample ID: LCS 880-139638/2-A

Matrix: Solid

Analysis Batch: 140110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	991.5		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1143		mg/Kg		114	70 - 130

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: LCS 880-139638/2-A

Matrix: Solid

Analysis Batch: 140110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139638

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-139638/3-A

Matrix: Solid

Analysis Batch: 140110

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139638

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	966.0		mg/Kg		97	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1132		mg/Kg		113	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 890-9874-41 MS

Matrix: Solid

Analysis Batch: 140110

Client Sample ID: B-56-4

Prep Type: Total/NA

Prep Batch: 139638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U F1 F2	997	639.4	F1	mg/Kg		64	70 - 130
Diesel Range Organics (Over C10-C28)	161	B F1	997	630.1	F1	mg/Kg		47	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-9874-41 MSD

Matrix: Solid

Analysis Batch: 140110

Client Sample ID: B-56-4

Prep Type: Total/NA

Prep Batch: 139638

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	<14.5	U F1 F2	997	1147	F2	mg/Kg		115	70 - 130	57	20
Diesel Range Organics (Over C10-C28)	161	B F1	997	588.1	F1	mg/Kg		43	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	91		70 - 130

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

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

Lab Sample ID: MB 880-139659/1-A

Matrix: Solid

Analysis Batch: 139727

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		05/01/26 13:33	05/04/26 09:18	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 13:33	05/04/26 09:18	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 13:33	05/04/26 09:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				05/01/26 13:33	05/04/26 09:18	1
o-Terphenyl	91		70 - 130				05/01/26 13:33	05/04/26 09:18	1

Lab Sample ID: LCS 880-139659/2-A

Matrix: Solid

Analysis Batch: 139727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	964.8		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1025		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	102		70 - 130				
o-Terphenyl	85		70 - 130				

Lab Sample ID: LCSD 880-139659/3-A

Matrix: Solid

Analysis Batch: 139727

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1028		mg/Kg		103	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1140		mg/Kg		114	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	115		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: MB 880-139683/1-A

Matrix: Solid

Analysis Batch: 139713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		05/01/26 15:28	05/02/26 06:04	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 15:28	05/02/26 06:04	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		05/01/26 15:28	05/02/26 06:04	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: MB 880-139683/1-A

Matrix: Solid

Analysis Batch: 139713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139683

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	103		70 - 130	05/01/26 15:28	05/02/26 06:04	1			
o-Terphenyl	107		70 - 130	05/01/26 15:28	05/02/26 06:04	1			

Lab Sample ID: LCS 880-139683/2-A

Matrix: Solid

Analysis Batch: 139713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139683

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	870.3		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1215		mg/Kg		121	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: LCSD 880-139683/3-A

Matrix: Solid

Analysis Batch: 139713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139683

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	886.5		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)		1000	1252		mg/Kg		125	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: MB 880-140262/1-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		05/08/26 08:01	05/08/26 05:01	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 05:01	1
Oil Range Organics (Over C28-C36)	21.89	J	50.0	15.1	mg/Kg		05/08/26 08:01	05/08/26 05:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	05/08/26 08:01	05/08/26 05:01	1
o-Terphenyl	86		70 - 130	05/08/26 08:01	05/08/26 05:01	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

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

Lab Sample ID: LCS 880-140262/2-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	780.8		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	794.9		mg/Kg		79	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	95		70 - 130				
o-Terphenyl	90		70 - 130				

Lab Sample ID: LCSD 880-140262/3-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140262

Top Bottom View											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10			1000	781.2		mg/Kg		78	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	846.0		mg/Kg		85	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	90		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138081/1-A

Matrix: Solid

Analysis Batch: 138085

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			04/16/26 22:06	1

Lab Sample ID: LCS 880-138081/2-A

Matrix: Solid

Analysis Batch: 138085

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.0		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-138081/3-A

Matrix: Solid

Analysis Batch: 138085

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.4		mg/Kg		94	90 - 110	3	20

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-71105-1 MS

Matrix: Solid

Analysis Batch: 138085

Client Sample ID: Backfill

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	63.5	F1	251	280.5	F1	mg/Kg		87	90 - 110

Lab Sample ID: 880-71105-1 MSD

Matrix: Solid

Analysis Batch: 138085

Client Sample ID: Backfill

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	63.5	F1	251	280.1	F1	mg/Kg		86	90 - 110	0	20

Lab Sample ID: MB 880-138082/1-A

Matrix: Solid

Analysis Batch: 138094

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			04/17/26 08:22	1

Lab Sample ID: LCS 880-138082/2-A

Matrix: Solid

Analysis Batch: 138094

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-138082/3-A

Matrix: Solid

Analysis Batch: 138094

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	1	20

Lab Sample ID: 880-71105-1 MS

Matrix: Solid

Analysis Batch: 138094

Client Sample ID: Backfill

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	38.8		251	285.9		mg/Kg		99	90 - 110

Lab Sample ID: 880-71105-1 MSD

Matrix: Solid

Analysis Batch: 138094

Client Sample ID: Backfill

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38.8		251	286.4		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-138399/1-A

Matrix: Solid

Analysis Batch: 138554

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			04/22/26 08:45	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-138399/2-A

Matrix: Solid

Analysis Batch: 138554

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.9		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-138399/3-A

Matrix: Solid

Analysis Batch: 138554

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	260.1		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 890-9809-6 MS

Matrix: Solid

Analysis Batch: 138554

Client Sample ID: B-8-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2060	F1	1250	3767	F1	mg/Kg		137	90 - 110

Lab Sample ID: 890-9809-6 MSD

Matrix: Solid

Analysis Batch: 138554

Client Sample ID: B-8-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2060	F1	1250	3796	F1	mg/Kg		140	90 - 110	1	20

Lab Sample ID: MB 880-138969/1-A

Matrix: Solid

Analysis Batch: 138984

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			04/25/26 22:53	1

Lab Sample ID: LCS 880-138969/2-A

Matrix: Solid

Analysis Batch: 138984

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 880-138969/3-A

Matrix: Solid

Analysis Batch: 138984

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	7	20

Lab Sample ID: 890-9836-9 MS

Matrix: Solid

Analysis Batch: 138984

Client Sample ID: B-18 -4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6080		5020	10780		mg/Kg		93	90 - 110

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-9836-9 MSD

Matrix: Solid

Analysis Batch: 138984

Client Sample ID: B-18 -4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6080		5020	11080		mg/Kg		99	90 - 110	3	20

Lab Sample ID: MB 880-139569/1-A

Matrix: Solid

Analysis Batch: 139580

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			05/01/26 09:11	1

Lab Sample ID: LCS 880-139569/2-A

Matrix: Solid

Analysis Batch: 139580

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-139569/3-A

Matrix: Solid

Analysis Batch: 139580

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	243.8		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-9874-5 MS

Matrix: Solid

Analysis Batch: 139580

Client Sample ID: B-23-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1290	F1	1250	2738	F1	mg/Kg		116	90 - 110

Lab Sample ID: 890-9874-5 MSD

Matrix: Solid

Analysis Batch: 139580

Client Sample ID: B-23-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1290	F1	1250	2747	F1	mg/Kg		117	90 - 110	0	20

Lab Sample ID: MB 880-139570/1-A

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			05/01/26 12:31	1

Lab Sample ID: LCS 880-139570/2-A

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.5		mg/Kg		98	90 - 110

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-139570/3-A

Matrix: Solid

Analysis Batch: 139615

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	246.8		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-9874-13 MS

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: B-31-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1440		249	1625	4	mg/Kg		74	90 - 110		

Lab Sample ID: 890-9874-13 MSD

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: B-31-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1440		249	1630	4	mg/Kg		76	90 - 110	0	20

Lab Sample ID: 890-9874-23 MS

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: B-46-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3530		1250	4882		mg/Kg		109	90 - 110		

Lab Sample ID: 890-9874-23 MS

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: B-46-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3530		1250	4854		mg/Kg		106	90 - 110		

Lab Sample ID: 890-9874-23 MSD

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: B-46-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3530		1250	4871		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 890-9874-23 MSD

Matrix: Solid

Analysis Batch: 139615

Client Sample ID: B-46-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3530		1250	4879		mg/Kg		108	90 - 110	1	20

Lab Sample ID: MB 880-139571/1-A

Matrix: Solid

Analysis Batch: 139616

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			05/01/26 11:06	1

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QC Sample Results

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-139571/2-A

Matrix: Solid

Analysis Batch: 139616

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.7		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-139571/3-A

Matrix: Solid

Analysis Batch: 139616

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	1	20

Lab Sample ID: 890-9874-31 MS

Matrix: Solid

Analysis Batch: 139616

Client Sample ID: B-54-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	711	F1	2510	3686	F1	mg/Kg		119	90 - 110

Lab Sample ID: 890-9874-31 MSD

Matrix: Solid

Analysis Batch: 139616

Client Sample ID: B-54-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	711	F1	2510	3704	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-139998/1-A

Matrix: Solid

Analysis Batch: 140010

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			05/06/26 10:09	1

Lab Sample ID: LCS 880-139998/2-A

Matrix: Solid

Analysis Batch: 140010

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.1		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-139998/3-A

Matrix: Solid

Analysis Batch: 140010

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	240.8		mg/Kg		96	90 - 110	0	20

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA

Analysis Batch: 139012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Total/NA	Solid	8021B	139016
MB 880-139016/5-A	Method Blank	Total/NA	Solid	8021B	139016
LCS 880-139016/1-A	Lab Control Sample	Total/NA	Solid	8021B	139016
LCSD 880-139016/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139016

Prep Batch: 139016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Total/NA	Solid	5030B	
MB 880-139016/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-139016/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-139016/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Analysis Batch: 139433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Total/NA	Solid	8021B	139444
890-9809-2	B-2-4	Total/NA	Solid	8021B	139444
890-9809-3	B-3-4	Total/NA	Solid	8021B	139444
890-9809-4	B-6-4	Total/NA	Solid	8021B	139444
890-9809-5	B-7-4	Total/NA	Solid	8021B	139444
890-9809-6	B-8-4	Total/NA	Solid	8021B	139444
890-9809-7	B-9-4	Total/NA	Solid	8021B	139444
890-9809-8	B-10-4	Total/NA	Solid	8021B	139444
890-9809-9	B-11-4	Total/NA	Solid	8021B	139444
890-9809-10	SW-1-0-4	Total/NA	Solid	8021B	139444
MB 880-139444/5-A	Method Blank	Total/NA	Solid	8021B	139444
LCS 880-139444/1-A	Lab Control Sample	Total/NA	Solid	8021B	139444
LCSD 880-139444/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139444

Prep Batch: 139444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Total/NA	Solid	5030B	
890-9809-2	B-2-4	Total/NA	Solid	5030B	
890-9809-3	B-3-4	Total/NA	Solid	5030B	
890-9809-4	B-6-4	Total/NA	Solid	5030B	
890-9809-5	B-7-4	Total/NA	Solid	5030B	
890-9809-6	B-8-4	Total/NA	Solid	5030B	
890-9809-7	B-9-4	Total/NA	Solid	5030B	
890-9809-8	B-10-4	Total/NA	Solid	5030B	
890-9809-9	B-11-4	Total/NA	Solid	5030B	
890-9809-10	SW-1-0-4	Total/NA	Solid	5030B	
MB 880-139444/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-139444/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-139444/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Prep Batch: 139480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139480/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 139558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA (Continued)

Analysis Batch: 139558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-2	B-2-4	Total/NA	Solid	Total BTEX	
890-9809-3	B-3-4	Total/NA	Solid	Total BTEX	
890-9809-4	B-6-4	Total/NA	Solid	Total BTEX	
890-9809-5	B-7-4	Total/NA	Solid	Total BTEX	
890-9809-6	B-8-4	Total/NA	Solid	Total BTEX	
890-9809-7	B-9-4	Total/NA	Solid	Total BTEX	
890-9809-8	B-10-4	Total/NA	Solid	Total BTEX	
890-9809-9	B-11-4	Total/NA	Solid	Total BTEX	
890-9809-10	SW-1-0-4	Total/NA	Solid	Total BTEX	

Prep Batch: 139684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Total/NA	Solid	5030B	
890-9836-2	B-4 -4	Total/NA	Solid	5030B	
890-9836-3	B-12 -4	Total/NA	Solid	5030B	
890-9836-4	B-13 -4	Total/NA	Solid	5030B	
890-9836-5	B-14 -4	Total/NA	Solid	5030B	
890-9836-6	B-15 -4	Total/NA	Solid	5030B	
890-9836-7	B-16 -4	Total/NA	Solid	5030B	
890-9836-8	B-17 -4	Total/NA	Solid	5030B	
890-9836-9	B-18 -4	Total/NA	Solid	5030B	
890-9836-10	B-19 -4	Total/NA	Solid	5030B	
890-9836-11	B-20 -4	Total/NA	Solid	5030B	
890-9836-12	B-21 -4	Total/NA	Solid	5030B	
890-9836-13	B-22 -4	Total/NA	Solid	5030B	
890-9836-14	SW-3-0-4	Total/NA	Solid	5030B	
MB 880-139684/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-139684/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 880-139684/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
890-9836-1 MS	SW-2-0-4	Total/NA	Solid	5030B	
890-9836-1 MSD	SW-2-0-4	Total/NA	Solid	5030B	

Analysis Batch: 139715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Total/NA	Solid	8021B	139684
890-9836-2	B-4 -4	Total/NA	Solid	8021B	139684
890-9836-3	B-12 -4	Total/NA	Solid	8021B	139684
890-9836-4	B-13 -4	Total/NA	Solid	8021B	139684
890-9836-5	B-14 -4	Total/NA	Solid	8021B	139684
890-9836-6	B-15 -4	Total/NA	Solid	8021B	139684
890-9836-7	B-16 -4	Total/NA	Solid	8021B	139684
890-9836-8	B-17 -4	Total/NA	Solid	8021B	139684
890-9836-9	B-18 -4	Total/NA	Solid	8021B	139684
890-9836-10	B-19 -4	Total/NA	Solid	8021B	139684
890-9836-11	B-20 -4	Total/NA	Solid	8021B	139684
890-9836-12	B-21 -4	Total/NA	Solid	8021B	139684
890-9836-13	B-22 -4	Total/NA	Solid	8021B	139684
890-9836-14	SW-3-0-4	Total/NA	Solid	8021B	139684
MB 880-139480/5-A	Method Blank	Total/NA	Solid	8021B	139480
MB 880-139684/5-A	Method Blank	Total/NA	Solid	8021B	139684
LCS 880-139684/1-A	Lab Control Sample	Total/NA	Solid	8021B	139684

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA (Continued)

Analysis Batch: 139715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-139684/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139684
890-9836-1 MS	SW-2-0-4	Total/NA	Solid	8021B	139684
890-9836-1 MSD	SW-2-0-4	Total/NA	Solid	8021B	139684

Prep Batch: 139830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Total/NA	Solid	5030B	
890-9874-2	SW-5-0-4	Total/NA	Solid	5030B	
890-9874-3	SW-6-0-4	Total/NA	Solid	5030B	
890-9874-4	SW-7-0-4	Total/NA	Solid	5030B	
890-9874-5	B-23-4	Total/NA	Solid	5030B	
890-9874-6	B-24-4	Total/NA	Solid	5030B	
890-9874-7	B-25-4	Total/NA	Solid	5030B	
890-9874-8	B-26-4	Total/NA	Solid	5030B	
890-9874-9	B-27-4	Total/NA	Solid	5030B	
890-9874-10	B-28-4	Total/NA	Solid	5030B	
890-9874-11	B-29-4	Total/NA	Solid	5030B	
890-9874-12	B-30-4	Total/NA	Solid	5030B	
890-9874-13	B-31-4	Total/NA	Solid	5030B	
890-9874-14	B-32-4	Total/NA	Solid	5030B	
890-9874-15	B-33-4	Total/NA	Solid	5030B	
890-9874-16	B-34-4	Total/NA	Solid	5030B	
890-9874-17	B-35-4	Total/NA	Solid	5030B	
890-9874-18	B-36-4	Total/NA	Solid	5030B	
890-9874-19	B-37-4	Total/NA	Solid	5030B	
890-9874-20	B-38-4	Total/NA	Solid	5030B	
MB 880-139830/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-139830/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-139830/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
890-9874-1 MS	SW-4-0-4	Total/NA	Solid	5030B	
890-9874-1 MSD	SW-4-0-4	Total/NA	Solid	5030B	

Prep Batch: 139832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-21	B-39-4	Total/NA	Solid	5030B	
890-9874-22	B-40-4	Total/NA	Solid	5030B	
890-9874-23	B-46-4	Total/NA	Solid	5030B	
890-9874-24	B-47-4	Total/NA	Solid	5030B	
890-9874-25	B-48-4	Total/NA	Solid	5030B	
890-9874-26	B-49-4	Total/NA	Solid	5030B	
890-9874-27	B-50-4	Total/NA	Solid	5030B	
890-9874-28	B-51-4	Total/NA	Solid	5030B	
890-9874-29	B-52-4	Total/NA	Solid	5030B	
890-9874-30	B-53-4	Total/NA	Solid	5030B	
890-9874-31	B-54-4	Total/NA	Solid	5030B	
890-9874-32	B-55-4	Total/NA	Solid	5030B	
890-9874-33	B-5-13	Total/NA	Solid	5030B	
890-9874-34	SW-12-4-13	Total/NA	Solid	5030B	
890-9874-35	SW-13-4-13	Total/NA	Solid	5030B	
890-9874-36	B-41-4	Total/NA	Solid	5030B	
890-9874-37	B-42-4	Total/NA	Solid	5030B	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA (Continued)

Prep Batch: 139832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-38	B-43-4	Total/NA	Solid	5030B	
890-9874-39	B-44-4	Total/NA	Solid	5030B	
890-9874-40	B-45-4	Total/NA	Solid	5030B	
MB 880-139832/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-139832/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-139832/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
890-9874-21 MS	B-39-4	Total/NA	Solid	5030B	
890-9874-21 MSD	B-39-4	Total/NA	Solid	5030B	

Prep Batch: 139843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-41	B-56-4	Total/NA	Solid	5030B	
890-9874-42	B-57-4	Total/NA	Solid	5030B	
890-9874-43	B-58-4	Total/NA	Solid	5030B	
890-9874-44	B-59-4	Total/NA	Solid	5030B	
890-9874-45	B-60-4	Total/NA	Solid	5030B	
MB 880-139843/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-139843/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-139843/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Analysis Batch: 139862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Total/NA	Solid	Total BTEX	
890-9836-2	B-4 -4	Total/NA	Solid	Total BTEX	
890-9836-3	B-12 -4	Total/NA	Solid	Total BTEX	
890-9836-4	B-13 -4	Total/NA	Solid	Total BTEX	
890-9836-5	B-14 -4	Total/NA	Solid	Total BTEX	
890-9836-6	B-15 -4	Total/NA	Solid	Total BTEX	
890-9836-7	B-16 -4	Total/NA	Solid	Total BTEX	
890-9836-8	B-17 -4	Total/NA	Solid	Total BTEX	
890-9836-9	B-18 -4	Total/NA	Solid	Total BTEX	
890-9836-10	B-19 -4	Total/NA	Solid	Total BTEX	
890-9836-11	B-20 -4	Total/NA	Solid	Total BTEX	
890-9836-12	B-21 -4	Total/NA	Solid	Total BTEX	
890-9836-13	B-22 -4	Total/NA	Solid	Total BTEX	
890-9836-14	SW-3-0-4	Total/NA	Solid	Total BTEX	

Analysis Batch: 140000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-41	B-56-4	Total/NA	Solid	8021B	139843
890-9874-42	B-57-4	Total/NA	Solid	8021B	139843
890-9874-43	B-58-4	Total/NA	Solid	8021B	139843
890-9874-44	B-59-4	Total/NA	Solid	8021B	139843
890-9874-45	B-60-4	Total/NA	Solid	8021B	139843
MB 880-139843/5-A	Method Blank	Total/NA	Solid	8021B	139843
MB 880-140005/5-A	Method Blank	Total/NA	Solid	8021B	140005
LCS 880-139843/1-A	Lab Control Sample	Total/NA	Solid	8021B	139843
LCSD 880-139843/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139843

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA

Prep Batch: 140005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140005/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 140106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Total/NA	Solid	8021B	139830
890-9874-2	SW-5-0-4	Total/NA	Solid	8021B	139830
890-9874-3	SW-6-0-4	Total/NA	Solid	8021B	139830
890-9874-4	SW-7-0-4	Total/NA	Solid	8021B	139830
890-9874-5	B-23-4	Total/NA	Solid	8021B	139830
890-9874-6	B-24-4	Total/NA	Solid	8021B	139830
890-9874-7	B-25-4	Total/NA	Solid	8021B	139830
890-9874-8	B-26-4	Total/NA	Solid	8021B	139830
890-9874-9	B-27-4	Total/NA	Solid	8021B	139830
890-9874-10	B-28-4	Total/NA	Solid	8021B	139830
890-9874-11	B-29-4	Total/NA	Solid	8021B	139830
890-9874-12	B-30-4	Total/NA	Solid	8021B	139830
890-9874-13	B-31-4	Total/NA	Solid	8021B	139830
890-9874-14	B-32-4	Total/NA	Solid	8021B	139830
890-9874-15	B-33-4	Total/NA	Solid	8021B	139830
890-9874-16	B-34-4	Total/NA	Solid	8021B	139830
890-9874-17	B-35-4	Total/NA	Solid	8021B	139830
890-9874-18	B-36-4	Total/NA	Solid	8021B	139830
890-9874-19	B-37-4	Total/NA	Solid	8021B	139830
890-9874-20	B-38-4	Total/NA	Solid	8021B	139830
MB 880-139830/5-A	Method Blank	Total/NA	Solid	8021B	139830
MB 880-140160/5-A	Method Blank	Total/NA	Solid	8021B	140160
LCS 880-139830/1-A	Lab Control Sample	Total/NA	Solid	8021B	139830
LCSD 880-139830/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139830
890-9874-1 MS	SW-4-0-4	Total/NA	Solid	8021B	139830
890-9874-1 MSD	SW-4-0-4	Total/NA	Solid	8021B	139830

Analysis Batch: 140124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-21	B-39-4	Total/NA	Solid	8021B	139832
890-9874-22	B-40-4	Total/NA	Solid	8021B	139832
890-9874-23	B-46-4	Total/NA	Solid	8021B	139832
890-9874-24	B-47-4	Total/NA	Solid	8021B	139832
890-9874-25	B-48-4	Total/NA	Solid	8021B	139832
890-9874-26	B-49-4	Total/NA	Solid	8021B	139832
890-9874-27	B-50-4	Total/NA	Solid	8021B	139832
890-9874-28	B-51-4	Total/NA	Solid	8021B	139832
890-9874-29	B-52-4	Total/NA	Solid	8021B	139832
890-9874-30	B-53-4	Total/NA	Solid	8021B	139832
890-9874-31	B-54-4	Total/NA	Solid	8021B	139832
890-9874-32	B-55-4	Total/NA	Solid	8021B	139832
890-9874-33	B-5-13	Total/NA	Solid	8021B	139832
890-9874-34	SW-12-4-13	Total/NA	Solid	8021B	139832
890-9874-35	SW-13-4-13	Total/NA	Solid	8021B	139832
890-9874-36	B-41-4	Total/NA	Solid	8021B	139832
890-9874-37	B-42-4	Total/NA	Solid	8021B	139832
890-9874-38	B-43-4	Total/NA	Solid	8021B	139832

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA (Continued)

Analysis Batch: 140124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-39	B-44-4	Total/NA	Solid	8021B	139832
890-9874-40	B-45-4	Total/NA	Solid	8021B	139832
MB 880-139832/5-A	Method Blank	Total/NA	Solid	8021B	139832
MB 880-140161/5-A	Method Blank	Total/NA	Solid	8021B	140161
LCS 880-139832/1-A	Lab Control Sample	Total/NA	Solid	8021B	139832
LCSD 880-139832/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139832
890-9874-21 MS	B-39-4	Total/NA	Solid	8021B	139832
890-9874-21 MSD	B-39-4	Total/NA	Solid	8021B	139832

Analysis Batch: 140129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Total/NA	Solid	8021B	140190
890-9895-2	B-62-4	Total/NA	Solid	8021B	140190
890-9895-3	B-63-4	Total/NA	Solid	8021B	140190
890-9895-4	SW-10-0-4	Total/NA	Solid	8021B	140190
890-9895-5	SW-8-0-4	Total/NA	Solid	8021B	140190
890-9895-6	SW-9-0-4	Total/NA	Solid	8021B	140190
890-9895-7	B-64-4	Total/NA	Solid	8021B	140190
MB 880-140159/5-A	Method Blank	Total/NA	Solid	8021B	140159
MB 880-140190/5-A	Method Blank	Total/NA	Solid	8021B	140190
LCS 880-140190/1-A	Lab Control Sample	Total/NA	Solid	8021B	140190
LCSD 880-140190/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140190

Prep Batch: 140159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140159/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 140160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140160/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 140161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140161/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 140185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Total/NA	Solid	Total BTEX	
890-9874-2	SW-5-0-4	Total/NA	Solid	Total BTEX	
890-9874-3	SW-6-0-4	Total/NA	Solid	Total BTEX	
890-9874-4	SW-7-0-4	Total/NA	Solid	Total BTEX	
890-9874-5	B-23-4	Total/NA	Solid	Total BTEX	
890-9874-6	B-24-4	Total/NA	Solid	Total BTEX	
890-9874-7	B-25-4	Total/NA	Solid	Total BTEX	
890-9874-8	B-26-4	Total/NA	Solid	Total BTEX	
890-9874-9	B-27-4	Total/NA	Solid	Total BTEX	
890-9874-10	B-28-4	Total/NA	Solid	Total BTEX	
890-9874-11	B-29-4	Total/NA	Solid	Total BTEX	
890-9874-12	B-30-4	Total/NA	Solid	Total BTEX	
890-9874-13	B-31-4	Total/NA	Solid	Total BTEX	
890-9874-14	B-32-4	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC VOA (Continued)

Analysis Batch: 140185 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-15	B-33-4	Total/NA	Solid	Total BTEX	
890-9874-16	B-34-4	Total/NA	Solid	Total BTEX	
890-9874-17	B-35-4	Total/NA	Solid	Total BTEX	
890-9874-18	B-36-4	Total/NA	Solid	Total BTEX	
890-9874-19	B-37-4	Total/NA	Solid	Total BTEX	
890-9874-20	B-38-4	Total/NA	Solid	Total BTEX	
890-9874-21	B-39-4	Total/NA	Solid	Total BTEX	
890-9874-22	B-40-4	Total/NA	Solid	Total BTEX	
890-9874-23	B-46-4	Total/NA	Solid	Total BTEX	
890-9874-24	B-47-4	Total/NA	Solid	Total BTEX	
890-9874-25	B-48-4	Total/NA	Solid	Total BTEX	
890-9874-26	B-49-4	Total/NA	Solid	Total BTEX	
890-9874-27	B-50-4	Total/NA	Solid	Total BTEX	
890-9874-28	B-51-4	Total/NA	Solid	Total BTEX	
890-9874-29	B-52-4	Total/NA	Solid	Total BTEX	
890-9874-30	B-53-4	Total/NA	Solid	Total BTEX	
890-9874-31	B-54-4	Total/NA	Solid	Total BTEX	
890-9874-32	B-55-4	Total/NA	Solid	Total BTEX	
890-9874-33	B-5-13	Total/NA	Solid	Total BTEX	
890-9874-34	SW-12-4-13	Total/NA	Solid	Total BTEX	
890-9874-35	SW-13-4-13	Total/NA	Solid	Total BTEX	
890-9874-36	B-41-4	Total/NA	Solid	Total BTEX	
890-9874-37	B-42-4	Total/NA	Solid	Total BTEX	
890-9874-38	B-43-4	Total/NA	Solid	Total BTEX	
890-9874-39	B-44-4	Total/NA	Solid	Total BTEX	
890-9874-40	B-45-4	Total/NA	Solid	Total BTEX	
890-9874-41	B-56-4	Total/NA	Solid	Total BTEX	
890-9874-42	B-57-4	Total/NA	Solid	Total BTEX	
890-9874-43	B-58-4	Total/NA	Solid	Total BTEX	
890-9874-44	B-59-4	Total/NA	Solid	Total BTEX	
890-9874-45	B-60-4	Total/NA	Solid	Total BTEX	

Prep Batch: 140190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Total/NA	Solid	5030B	
890-9895-2	B-62-4	Total/NA	Solid	5030B	
890-9895-3	B-63-4	Total/NA	Solid	5030B	
890-9895-4	SW-10-0-4	Total/NA	Solid	5030B	
890-9895-5	SW-8-0-4	Total/NA	Solid	5030B	
890-9895-6	SW-9-0-4	Total/NA	Solid	5030B	
890-9895-7	B-64-4	Total/NA	Solid	5030B	
MB 880-140190/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-140190/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-140190/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Analysis Batch: 140321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Total/NA	Solid	Total BTEX	
890-9895-2	B-62-4	Total/NA	Solid	Total BTEX	
890-9895-3	B-63-4	Total/NA	Solid	Total BTEX	
890-9895-4	SW-10-0-4	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

GC VOA (Continued)

Analysis Batch: 140321 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-5	SW-8-0-4	Total/NA	Solid	Total BTEX	
890-9895-6	SW-9-0-4	Total/NA	Solid	Total BTEX	
890-9895-7	B-64-4	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-138247/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138247/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138247/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71105-1 MS	Backfill	Total/NA	Solid	8015NM Prep	
880-71105-1 MSD	Backfill	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Total/NA	Solid	8015B NM	138247
MB 880-138247/1-A	Method Blank	Total/NA	Solid	8015B NM	138247
LCS 880-138247/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138247
LCSD 880-138247/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138247
880-71105-1 MS	Backfill	Total/NA	Solid	8015B NM	138247
880-71105-1 MSD	Backfill	Total/NA	Solid	8015B NM	138247

Analysis Batch: 139032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Total/NA	Solid	8015 NM	

Prep Batch: 139340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Total/NA	Solid	8015NM Prep	
890-9809-2	B-2-4	Total/NA	Solid	8015NM Prep	
890-9809-3	B-3-4	Total/NA	Solid	8015NM Prep	
890-9809-4	B-6-4	Total/NA	Solid	8015NM Prep	
890-9809-5	B-7-4	Total/NA	Solid	8015NM Prep	
890-9809-6	B-8-4	Total/NA	Solid	8015NM Prep	
890-9809-7	B-9-4	Total/NA	Solid	8015NM Prep	
890-9809-8	B-10-4	Total/NA	Solid	8015NM Prep	
890-9809-9	B-11-4	Total/NA	Solid	8015NM Prep	
890-9809-10	SW-1-0-4	Total/NA	Solid	8015NM Prep	
MB 880-139340/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139340/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139340/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9809-1 MS	B-1-4	Total/NA	Solid	8015NM Prep	
890-9809-1 MSD	B-1-4	Total/NA	Solid	8015NM Prep	

Prep Batch: 139636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Total/NA	Solid	8015NM Prep	
890-9874-2	SW-5-0-4	Total/NA	Solid	8015NM Prep	
890-9874-3	SW-6-0-4	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC Semi VOA (Continued)

Prep Batch: 139636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-4	SW-7-0-4	Total/NA	Solid	8015NM Prep	
890-9874-5	B-23-4	Total/NA	Solid	8015NM Prep	
890-9874-6	B-24-4	Total/NA	Solid	8015NM Prep	
890-9874-7	B-25-4	Total/NA	Solid	8015NM Prep	
890-9874-8	B-26-4	Total/NA	Solid	8015NM Prep	
890-9874-9	B-27-4	Total/NA	Solid	8015NM Prep	
890-9874-10	B-28-4	Total/NA	Solid	8015NM Prep	
890-9874-11	B-29-4	Total/NA	Solid	8015NM Prep	
890-9874-12	B-30-4	Total/NA	Solid	8015NM Prep	
890-9874-13	B-31-4	Total/NA	Solid	8015NM Prep	
890-9874-14	B-32-4	Total/NA	Solid	8015NM Prep	
890-9874-15	B-33-4	Total/NA	Solid	8015NM Prep	
890-9874-16	B-34-4	Total/NA	Solid	8015NM Prep	
890-9874-17	B-35-4	Total/NA	Solid	8015NM Prep	
890-9874-18	B-36-4	Total/NA	Solid	8015NM Prep	
890-9874-19	B-37-4	Total/NA	Solid	8015NM Prep	
890-9874-20	B-38-4	Total/NA	Solid	8015NM Prep	
MB 880-139636/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139636/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9874-1 MS	SW-4-0-4	Total/NA	Solid	8015NM Prep	
890-9874-1 MSD	SW-4-0-4	Total/NA	Solid	8015NM Prep	

Prep Batch: 139637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-21	B-39-4	Total/NA	Solid	8015NM Prep	
890-9874-22	B-40-4	Total/NA	Solid	8015NM Prep	
890-9874-23	B-46-4	Total/NA	Solid	8015NM Prep	
890-9874-24	B-47-4	Total/NA	Solid	8015NM Prep	
890-9874-25	B-48-4	Total/NA	Solid	8015NM Prep	
890-9874-26	B-49-4	Total/NA	Solid	8015NM Prep	
890-9874-27	B-50-4	Total/NA	Solid	8015NM Prep	
890-9874-28	B-51-4	Total/NA	Solid	8015NM Prep	
890-9874-29	B-52-4	Total/NA	Solid	8015NM Prep	
890-9874-30	B-53-4	Total/NA	Solid	8015NM Prep	
890-9874-31	B-54-4	Total/NA	Solid	8015NM Prep	
890-9874-32	B-55-4	Total/NA	Solid	8015NM Prep	
890-9874-33	B-5-13	Total/NA	Solid	8015NM Prep	
890-9874-34	SW-12-4-13	Total/NA	Solid	8015NM Prep	
890-9874-35	SW-13-4-13	Total/NA	Solid	8015NM Prep	
890-9874-36	B-41-4	Total/NA	Solid	8015NM Prep	
890-9874-37	B-42-4	Total/NA	Solid	8015NM Prep	
890-9874-38	B-43-4	Total/NA	Solid	8015NM Prep	
890-9874-39	B-44-4	Total/NA	Solid	8015NM Prep	
890-9874-40	B-45-4	Total/NA	Solid	8015NM Prep	
MB 880-139637/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139637/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9874-21 MS	B-39-4	Total/NA	Solid	8015NM Prep	
890-9874-21 MSD	B-39-4	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC Semi VOA

Prep Batch: 139638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-41	B-56-4	Total/NA	Solid	8015NM Prep	
890-9874-42	B-57-4	Total/NA	Solid	8015NM Prep	
890-9874-43	B-58-4	Total/NA	Solid	8015NM Prep	
890-9874-44	B-59-4	Total/NA	Solid	8015NM Prep	
890-9874-45	B-60-4	Total/NA	Solid	8015NM Prep	
MB 880-139638/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139638/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139638/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9874-41 MS	B-56-4	Total/NA	Solid	8015NM Prep	
890-9874-41 MSD	B-56-4	Total/NA	Solid	8015NM Prep	

Prep Batch: 139659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Total/NA	Solid	8015NM Prep	
890-9836-2	B-4 -4	Total/NA	Solid	8015NM Prep	
890-9836-3	B-12 -4	Total/NA	Solid	8015NM Prep	
890-9836-4	B-13 -4	Total/NA	Solid	8015NM Prep	
890-9836-5	B-14 -4	Total/NA	Solid	8015NM Prep	
890-9836-6	B-15 -4	Total/NA	Solid	8015NM Prep	
MB 880-139659/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139659/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 139683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-7	B-16 -4	Total/NA	Solid	8015NM Prep	
890-9836-8	B-17 -4	Total/NA	Solid	8015NM Prep	
890-9836-9	B-18 -4	Total/NA	Solid	8015NM Prep	
890-9836-10	B-19 -4	Total/NA	Solid	8015NM Prep	
890-9836-11	B-20 -4	Total/NA	Solid	8015NM Prep	
890-9836-12	B-21 -4	Total/NA	Solid	8015NM Prep	
890-9836-13	B-22 -4	Total/NA	Solid	8015NM Prep	
890-9836-14	SW-3-0-4	Total/NA	Solid	8015NM Prep	
MB 880-139683/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139683/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Total/NA	Solid	8015B NM	139340
890-9809-2	B-2-4	Total/NA	Solid	8015B NM	139340
890-9809-3	B-3-4	Total/NA	Solid	8015B NM	139340
890-9809-4	B-6-4	Total/NA	Solid	8015B NM	139340
890-9809-5	B-7-4	Total/NA	Solid	8015B NM	139340
890-9809-6	B-8-4	Total/NA	Solid	8015B NM	139340
890-9809-7	B-9-4	Total/NA	Solid	8015B NM	139340
890-9809-8	B-10-4	Total/NA	Solid	8015B NM	139340
890-9809-9	B-11-4	Total/NA	Solid	8015B NM	139340
890-9809-10	SW-1-0-4	Total/NA	Solid	8015B NM	139340
MB 880-139340/1-A	Method Blank	Total/NA	Solid	8015B NM	139340
LCS 880-139340/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139340

Eurofins Carlsbad

QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC Semi VOA (Continued)

Analysis Batch: 139706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-139340/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139340
890-9809-1 MS	B-1-4	Total/NA	Solid	8015B NM	139340
890-9809-1 MSD	B-1-4	Total/NA	Solid	8015B NM	139340

Analysis Batch: 139713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-7	B-16 -4	Total/NA	Solid	8015B NM	139683
890-9836-8	B-17 -4	Total/NA	Solid	8015B NM	139683
890-9836-9	B-18 -4	Total/NA	Solid	8015B NM	139683
890-9836-10	B-19 -4	Total/NA	Solid	8015B NM	139683
890-9836-11	B-20 -4	Total/NA	Solid	8015B NM	139683
890-9836-12	B-21 -4	Total/NA	Solid	8015B NM	139683
890-9836-13	B-22 -4	Total/NA	Solid	8015B NM	139683
890-9836-14	SW-3-0-4	Total/NA	Solid	8015B NM	139683
MB 880-139683/1-A	Method Blank	Total/NA	Solid	8015B NM	139683
LCS 880-139683/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139683
LCSD 880-139683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139683

Analysis Batch: 139727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Total/NA	Solid	8015B NM	139659
890-9836-2	B-4 -4	Total/NA	Solid	8015B NM	139659
890-9836-3	B-12 -4	Total/NA	Solid	8015B NM	139659
890-9836-4	B-13 -4	Total/NA	Solid	8015B NM	139659
890-9836-5	B-14 -4	Total/NA	Solid	8015B NM	139659
890-9836-6	B-15 -4	Total/NA	Solid	8015B NM	139659
MB 880-139659/1-A	Method Blank	Total/NA	Solid	8015B NM	139659
LCS 880-139659/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139659
LCSD 880-139659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139659

Analysis Batch: 139770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Total/NA	Solid	8015 NM	
890-9809-2	B-2-4	Total/NA	Solid	8015 NM	
890-9809-3	B-3-4	Total/NA	Solid	8015 NM	
890-9809-4	B-6-4	Total/NA	Solid	8015 NM	
890-9809-5	B-7-4	Total/NA	Solid	8015 NM	
890-9809-6	B-8-4	Total/NA	Solid	8015 NM	
890-9809-7	B-9-4	Total/NA	Solid	8015 NM	
890-9809-8	B-10-4	Total/NA	Solid	8015 NM	
890-9809-9	B-11-4	Total/NA	Solid	8015 NM	
890-9809-10	SW-1-0-4	Total/NA	Solid	8015 NM	

Analysis Batch: 139803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Total/NA	Solid	8015 NM	
890-9836-2	B-4 -4	Total/NA	Solid	8015 NM	
890-9836-3	B-12 -4	Total/NA	Solid	8015 NM	
890-9836-4	B-13 -4	Total/NA	Solid	8015 NM	
890-9836-5	B-14 -4	Total/NA	Solid	8015 NM	
890-9836-6	B-15 -4	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC Semi VOA (Continued)

Analysis Batch: 139803 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-7	B-16 -4	Total/NA	Solid	8015 NM	
890-9836-8	B-17 -4	Total/NA	Solid	8015 NM	
890-9836-9	B-18 -4	Total/NA	Solid	8015 NM	
890-9836-10	B-19 -4	Total/NA	Solid	8015 NM	
890-9836-11	B-20 -4	Total/NA	Solid	8015 NM	
890-9836-12	B-21 -4	Total/NA	Solid	8015 NM	
890-9836-13	B-22 -4	Total/NA	Solid	8015 NM	
890-9836-14	SW-3-0-4	Total/NA	Solid	8015 NM	

Analysis Batch: 140027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Total/NA	Solid	8015B NM	139636
890-9874-2	SW-5-0-4	Total/NA	Solid	8015B NM	139636
890-9874-3	SW-6-0-4	Total/NA	Solid	8015B NM	139636
890-9874-4	SW-7-0-4	Total/NA	Solid	8015B NM	139636
890-9874-5	B-23-4	Total/NA	Solid	8015B NM	139636
890-9874-6	B-24-4	Total/NA	Solid	8015B NM	139636
890-9874-7	B-25-4	Total/NA	Solid	8015B NM	139636
890-9874-8	B-26-4	Total/NA	Solid	8015B NM	139636
890-9874-9	B-27-4	Total/NA	Solid	8015B NM	139636
890-9874-10	B-28-4	Total/NA	Solid	8015B NM	139636
890-9874-11	B-29-4	Total/NA	Solid	8015B NM	139636
890-9874-12	B-30-4	Total/NA	Solid	8015B NM	139636
890-9874-13	B-31-4	Total/NA	Solid	8015B NM	139636
890-9874-14	B-32-4	Total/NA	Solid	8015B NM	139636
890-9874-15	B-33-4	Total/NA	Solid	8015B NM	139636
890-9874-16	B-34-4	Total/NA	Solid	8015B NM	139636
890-9874-17	B-35-4	Total/NA	Solid	8015B NM	139636
890-9874-18	B-36-4	Total/NA	Solid	8015B NM	139636
890-9874-19	B-37-4	Total/NA	Solid	8015B NM	139636
890-9874-20	B-38-4	Total/NA	Solid	8015B NM	139636
MB 880-139636/1-A	Method Blank	Total/NA	Solid	8015B NM	139636
LCS 880-139636/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139636
LCS 880-139636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139636
890-9874-1 MS	SW-4-0-4	Total/NA	Solid	8015B NM	139636
890-9874-1 MSD	SW-4-0-4	Total/NA	Solid	8015B NM	139636

Analysis Batch: 140108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-21	B-39-4	Total/NA	Solid	8015B NM	139637
890-9874-22	B-40-4	Total/NA	Solid	8015B NM	139637
890-9874-23	B-46-4	Total/NA	Solid	8015B NM	139637
890-9874-24	B-47-4	Total/NA	Solid	8015B NM	139637
890-9874-25	B-48-4	Total/NA	Solid	8015B NM	139637
890-9874-26	B-49-4	Total/NA	Solid	8015B NM	139637
890-9874-27	B-50-4	Total/NA	Solid	8015B NM	139637
890-9874-28	B-51-4	Total/NA	Solid	8015B NM	139637
890-9874-29	B-52-4	Total/NA	Solid	8015B NM	139637
890-9874-30	B-53-4	Total/NA	Solid	8015B NM	139637
890-9874-31	B-54-4	Total/NA	Solid	8015B NM	139637
890-9874-32	B-55-4	Total/NA	Solid	8015B NM	139637

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC Semi VOA (Continued)

Analysis Batch: 140108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-33	B-5-13	Total/NA	Solid	8015B NM	139637
890-9874-34	SW-12-4-13	Total/NA	Solid	8015B NM	139637
890-9874-35	SW-13-4-13	Total/NA	Solid	8015B NM	139637
890-9874-36	B-41-4	Total/NA	Solid	8015B NM	139637
890-9874-37	B-42-4	Total/NA	Solid	8015B NM	139637
890-9874-38	B-43-4	Total/NA	Solid	8015B NM	139637
890-9874-39	B-44-4	Total/NA	Solid	8015B NM	139637
890-9874-40	B-45-4	Total/NA	Solid	8015B NM	139637
MB 880-139637/1-A	Method Blank	Total/NA	Solid	8015B NM	139637
LCS 880-139637/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139637
LCSD 880-139637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139637
890-9874-21 MS	B-39-4	Total/NA	Solid	8015B NM	139637
890-9874-21 MSD	B-39-4	Total/NA	Solid	8015B NM	139637

Analysis Batch: 140110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-41	B-56-4	Total/NA	Solid	8015B NM	139638
890-9874-42	B-57-4	Total/NA	Solid	8015B NM	139638
890-9874-43	B-58-4	Total/NA	Solid	8015B NM	139638
890-9874-44	B-59-4	Total/NA	Solid	8015B NM	139638
890-9874-45	B-60-4	Total/NA	Solid	8015B NM	139638
MB 880-139638/1-A	Method Blank	Total/NA	Solid	8015B NM	139638
LCS 880-139638/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139638
LCSD 880-139638/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139638
890-9874-41 MS	B-56-4	Total/NA	Solid	8015B NM	139638
890-9874-41 MSD	B-56-4	Total/NA	Solid	8015B NM	139638

Analysis Batch: 140196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Total/NA	Solid	8015 NM	
890-9874-2	SW-5-0-4	Total/NA	Solid	8015 NM	
890-9874-3	SW-6-0-4	Total/NA	Solid	8015 NM	
890-9874-4	SW-7-0-4	Total/NA	Solid	8015 NM	
890-9874-5	B-23-4	Total/NA	Solid	8015 NM	
890-9874-6	B-24-4	Total/NA	Solid	8015 NM	
890-9874-7	B-25-4	Total/NA	Solid	8015 NM	
890-9874-8	B-26-4	Total/NA	Solid	8015 NM	
890-9874-9	B-27-4	Total/NA	Solid	8015 NM	
890-9874-10	B-28-4	Total/NA	Solid	8015 NM	
890-9874-11	B-29-4	Total/NA	Solid	8015 NM	
890-9874-12	B-30-4	Total/NA	Solid	8015 NM	
890-9874-13	B-31-4	Total/NA	Solid	8015 NM	
890-9874-14	B-32-4	Total/NA	Solid	8015 NM	
890-9874-15	B-33-4	Total/NA	Solid	8015 NM	
890-9874-16	B-34-4	Total/NA	Solid	8015 NM	
890-9874-17	B-35-4	Total/NA	Solid	8015 NM	
890-9874-18	B-36-4	Total/NA	Solid	8015 NM	
890-9874-19	B-37-4	Total/NA	Solid	8015 NM	
890-9874-20	B-38-4	Total/NA	Solid	8015 NM	
890-9874-21	B-39-4	Total/NA	Solid	8015 NM	
890-9874-22	B-40-4	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

GC Semi VOA (Continued)

Analysis Batch: 140196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-23	B-46-4	Total/NA	Solid	8015 NM	
890-9874-24	B-47-4	Total/NA	Solid	8015 NM	
890-9874-25	B-48-4	Total/NA	Solid	8015 NM	
890-9874-26	B-49-4	Total/NA	Solid	8015 NM	
890-9874-27	B-50-4	Total/NA	Solid	8015 NM	
890-9874-28	B-51-4	Total/NA	Solid	8015 NM	
890-9874-29	B-52-4	Total/NA	Solid	8015 NM	
890-9874-30	B-53-4	Total/NA	Solid	8015 NM	
890-9874-31	B-54-4	Total/NA	Solid	8015 NM	
890-9874-32	B-55-4	Total/NA	Solid	8015 NM	
890-9874-33	B-5-13	Total/NA	Solid	8015 NM	
890-9874-34	SW-12-4-13	Total/NA	Solid	8015 NM	
890-9874-35	SW-13-4-13	Total/NA	Solid	8015 NM	
890-9874-36	B-41-4	Total/NA	Solid	8015 NM	
890-9874-37	B-42-4	Total/NA	Solid	8015 NM	
890-9874-38	B-43-4	Total/NA	Solid	8015 NM	
890-9874-39	B-44-4	Total/NA	Solid	8015 NM	
890-9874-40	B-45-4	Total/NA	Solid	8015 NM	
890-9874-41	B-56-4	Total/NA	Solid	8015 NM	
890-9874-42	B-57-4	Total/NA	Solid	8015 NM	
890-9874-43	B-58-4	Total/NA	Solid	8015 NM	
890-9874-44	B-59-4	Total/NA	Solid	8015 NM	
890-9874-45	B-60-4	Total/NA	Solid	8015 NM	

Prep Batch: 140262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Total/NA	Solid	8015NM Prep	
890-9895-2	B-62-4	Total/NA	Solid	8015NM Prep	
890-9895-3	B-63-4	Total/NA	Solid	8015NM Prep	
890-9895-4	SW-10-0-4	Total/NA	Solid	8015NM Prep	
890-9895-5	SW-8-0-4	Total/NA	Solid	8015NM Prep	
890-9895-6	SW-9-0-4	Total/NA	Solid	8015NM Prep	
890-9895-7	B-64-4	Total/NA	Solid	8015NM Prep	
MB 880-140262/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140262/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140262/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Total/NA	Solid	8015B NM	140262
890-9895-2	B-62-4	Total/NA	Solid	8015B NM	140262
890-9895-3	B-63-4	Total/NA	Solid	8015B NM	140262
890-9895-4	SW-10-0-4	Total/NA	Solid	8015B NM	140262
890-9895-5	SW-8-0-4	Total/NA	Solid	8015B NM	140262
890-9895-6	SW-9-0-4	Total/NA	Solid	8015B NM	140262
890-9895-7	B-64-4	Total/NA	Solid	8015B NM	140262
MB 880-140262/1-A	Method Blank	Total/NA	Solid	8015B NM	140262
LCS 880-140262/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140262
LCSD 880-140262/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140262

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

GC Semi VOA

Analysis Batch: 140331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Total/NA	Solid	8015 NM	
890-9895-2	B-62-4	Total/NA	Solid	8015 NM	
890-9895-3	B-63-4	Total/NA	Solid	8015 NM	
890-9895-4	SW-10-0-4	Total/NA	Solid	8015 NM	
890-9895-5	SW-8-0-4	Total/NA	Solid	8015 NM	
890-9895-6	SW-9-0-4	Total/NA	Solid	8015 NM	
890-9895-7	B-64-4	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Soluble	Solid	DI Leach	
MB 880-138081/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138081/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138081/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71105-1 MS	Backfill	Soluble	Solid	DI Leach	
880-71105-1 MSD	Backfill	Soluble	Solid	DI Leach	

Leach Batch: 138082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138082/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138082/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138082/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71105-1 MS	Backfill	Soluble	Solid	DI Leach	
880-71105-1 MSD	Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 138085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71105-1	Backfill	Soluble	Solid	300.0	138081
MB 880-138081/1-A	Method Blank	Soluble	Solid	300.0	138081
LCS 880-138081/2-A	Lab Control Sample	Soluble	Solid	300.0	138081
LCSD 880-138081/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138081
880-71105-1 MS	Backfill	Soluble	Solid	300.0	138081
880-71105-1 MSD	Backfill	Soluble	Solid	300.0	138081

Analysis Batch: 138094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138082/1-A	Method Blank	Soluble	Solid	300.0	138082
LCS 880-138082/2-A	Lab Control Sample	Soluble	Solid	300.0	138082
LCSD 880-138082/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138082
880-71105-1 MS	Backfill	Soluble	Solid	300.0	138082
880-71105-1 MSD	Backfill	Soluble	Solid	300.0	138082

Leach Batch: 138399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Soluble	Solid	DI Leach	
890-9809-2	B-2-4	Soluble	Solid	DI Leach	
890-9809-3	B-3-4	Soluble	Solid	DI Leach	
890-9809-4	B-6-4	Soluble	Solid	DI Leach	
890-9809-5	B-7-4	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

HPLC/IC (Continued)

Leach Batch: 138399 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-6	B-8-4	Soluble	Solid	DI Leach	
890-9809-7	B-9-4	Soluble	Solid	DI Leach	
890-9809-8	B-10-4	Soluble	Solid	DI Leach	
890-9809-9	B-11-4	Soluble	Solid	DI Leach	
890-9809-10	SW-1-0-4	Soluble	Solid	DI Leach	
MB 880-138399/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138399/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138399/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9809-6 MS	B-8-4	Soluble	Solid	DI Leach	
890-9809-6 MSD	B-8-4	Soluble	Solid	DI Leach	

Analysis Batch: 138554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9809-1	B-1-4	Soluble	Solid	300.0	138399
890-9809-2	B-2-4	Soluble	Solid	300.0	138399
890-9809-3	B-3-4	Soluble	Solid	300.0	138399
890-9809-4	B-6-4	Soluble	Solid	300.0	138399
890-9809-5	B-7-4	Soluble	Solid	300.0	138399
890-9809-6	B-8-4	Soluble	Solid	300.0	138399
890-9809-7	B-9-4	Soluble	Solid	300.0	138399
890-9809-8	B-10-4	Soluble	Solid	300.0	138399
890-9809-9	B-11-4	Soluble	Solid	300.0	138399
890-9809-10	SW-1-0-4	Soluble	Solid	300.0	138399
MB 880-138399/1-A	Method Blank	Soluble	Solid	300.0	138399
LCS 880-138399/2-A	Lab Control Sample	Soluble	Solid	300.0	138399
LCSD 880-138399/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138399
890-9809-6 MS	B-8-4	Soluble	Solid	300.0	138399
890-9809-6 MSD	B-8-4	Soluble	Solid	300.0	138399

Leach Batch: 138969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Soluble	Solid	DI Leach	
890-9836-2	B-4 -4	Soluble	Solid	DI Leach	
890-9836-3	B-12 -4	Soluble	Solid	DI Leach	
890-9836-4	B-13 -4	Soluble	Solid	DI Leach	
890-9836-5	B-14 -4	Soluble	Solid	DI Leach	
890-9836-6	B-15 -4	Soluble	Solid	DI Leach	
890-9836-7	B-16 -4	Soluble	Solid	DI Leach	
890-9836-8	B-17 -4	Soluble	Solid	DI Leach	
890-9836-9	B-18 -4	Soluble	Solid	DI Leach	
890-9836-10	B-19 -4	Soluble	Solid	DI Leach	
890-9836-11	B-20 -4	Soluble	Solid	DI Leach	
890-9836-12	B-21 -4	Soluble	Solid	DI Leach	
890-9836-13	B-22 -4	Soluble	Solid	DI Leach	
890-9836-14	SW-3-0-4	Soluble	Solid	DI Leach	
MB 880-138969/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138969/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138969/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9836-9 MS	B-18 -4	Soluble	Solid	DI Leach	
890-9836-9 MSD	B-18 -4	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

HPLC/IC

Analysis Batch: 138984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9836-1	SW-2-0-4	Soluble	Solid	300.0	138969
890-9836-2	B-4 -4	Soluble	Solid	300.0	138969
890-9836-3	B-12 -4	Soluble	Solid	300.0	138969
890-9836-4	B-13 -4	Soluble	Solid	300.0	138969
890-9836-5	B-14 -4	Soluble	Solid	300.0	138969
890-9836-6	B-15 -4	Soluble	Solid	300.0	138969
890-9836-7	B-16 -4	Soluble	Solid	300.0	138969
890-9836-8	B-17 -4	Soluble	Solid	300.0	138969
890-9836-9	B-18 -4	Soluble	Solid	300.0	138969
890-9836-10	B-19 -4	Soluble	Solid	300.0	138969
890-9836-11	B-20 -4	Soluble	Solid	300.0	138969
890-9836-12	B-21 -4	Soluble	Solid	300.0	138969
890-9836-13	B-22 -4	Soluble	Solid	300.0	138969
890-9836-14	SW-3-0-4	Soluble	Solid	300.0	138969
MB 880-138969/1-A	Method Blank	Soluble	Solid	300.0	138969
LCS 880-138969/2-A	Lab Control Sample	Soluble	Solid	300.0	138969
LCSD 880-138969/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138969
890-9836-9 MS	B-18 -4	Soluble	Solid	300.0	138969
890-9836-9 MSD	B-18 -4	Soluble	Solid	300.0	138969

Leach Batch: 139569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Soluble	Solid	DI Leach	
890-9874-2	SW-5-0-4	Soluble	Solid	DI Leach	
890-9874-3	SW-6-0-4	Soluble	Solid	DI Leach	
890-9874-4	SW-7-0-4	Soluble	Solid	DI Leach	
890-9874-5	B-23-4	Soluble	Solid	DI Leach	
890-9874-6	B-24-4	Soluble	Solid	DI Leach	
890-9874-7	B-25-4	Soluble	Solid	DI Leach	
890-9874-8	B-26-4	Soluble	Solid	DI Leach	
890-9874-9	B-27-4	Soluble	Solid	DI Leach	
890-9874-10	B-28-4	Soluble	Solid	DI Leach	
890-9874-11	B-29-4	Soluble	Solid	DI Leach	
890-9874-12	B-30-4	Soluble	Solid	DI Leach	
MB 880-139569/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139569/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139569/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9874-5 MS	B-23-4	Soluble	Solid	DI Leach	
890-9874-5 MSD	B-23-4	Soluble	Solid	DI Leach	

Leach Batch: 139570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-13	B-31-4	Soluble	Solid	DI Leach	
890-9874-14	B-32-4	Soluble	Solid	DI Leach	
890-9874-15	B-33-4	Soluble	Solid	DI Leach	
890-9874-16	B-34-4	Soluble	Solid	DI Leach	
890-9874-17	B-35-4	Soluble	Solid	DI Leach	
890-9874-18	B-36-4	Soluble	Solid	DI Leach	
890-9874-19	B-37-4	Soluble	Solid	DI Leach	
890-9874-20	B-38-4	Soluble	Solid	DI Leach	
890-9874-21	B-39-4	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

HPLC/IC (Continued)

Leach Batch: 139570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-22	B-40-4	Soluble	Solid	DI Leach	
890-9874-23	B-46-4	Soluble	Solid	DI Leach	
890-9874-24	B-47-4	Soluble	Solid	DI Leach	
890-9874-25	B-48-4	Soluble	Solid	DI Leach	
890-9874-26	B-49-4	Soluble	Solid	DI Leach	
890-9874-27	B-50-4	Soluble	Solid	DI Leach	
890-9874-28	B-51-4	Soluble	Solid	DI Leach	
890-9874-29	B-52-4	Soluble	Solid	DI Leach	
890-9874-30	B-53-4	Soluble	Solid	DI Leach	
MB 880-139570/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139570/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139570/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9874-13 MS	B-31-4	Soluble	Solid	DI Leach	
890-9874-13 MSD	B-31-4	Soluble	Solid	DI Leach	
890-9874-23 MS	B-46-4	Soluble	Solid	DI Leach	
890-9874-23 MSD	B-46-4	Soluble	Solid	DI Leach	

Leach Batch: 139571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-31	B-54-4	Soluble	Solid	DI Leach	
890-9874-32	B-55-4	Soluble	Solid	DI Leach	
890-9874-33	B-5-13	Soluble	Solid	DI Leach	
890-9874-34	SW-12-4-13	Soluble	Solid	DI Leach	
890-9874-35	SW-13-4-13	Soluble	Solid	DI Leach	
890-9874-36	B-41-4	Soluble	Solid	DI Leach	
890-9874-37	B-42-4	Soluble	Solid	DI Leach	
890-9874-38	B-43-4	Soluble	Solid	DI Leach	
890-9874-39	B-44-4	Soluble	Solid	DI Leach	
890-9874-40	B-45-4	Soluble	Solid	DI Leach	
890-9874-41	B-56-4	Soluble	Solid	DI Leach	
890-9874-42	B-57-4	Soluble	Solid	DI Leach	
890-9874-43	B-58-4	Soluble	Solid	DI Leach	
890-9874-44	B-59-4	Soluble	Solid	DI Leach	
890-9874-45	B-60-4	Soluble	Solid	DI Leach	
MB 880-139571/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139571/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139571/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9874-31 MS	B-54-4	Soluble	Solid	DI Leach	
890-9874-31 MSD	B-54-4	Soluble	Solid	DI Leach	

Analysis Batch: 139580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-1	SW-4-0-4	Soluble	Solid	300.0	139569
890-9874-2	SW-5-0-4	Soluble	Solid	300.0	139569
890-9874-3	SW-6-0-4	Soluble	Solid	300.0	139569
890-9874-4	SW-7-0-4	Soluble	Solid	300.0	139569
890-9874-5	B-23-4	Soluble	Solid	300.0	139569
890-9874-6	B-24-4	Soluble	Solid	300.0	139569
890-9874-7	B-25-4	Soluble	Solid	300.0	139569
890-9874-8	B-26-4	Soluble	Solid	300.0	139569
890-9874-9	B-27-4	Soluble	Solid	300.0	139569

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

HPLC/IC (Continued)

Analysis Batch: 139580 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-10	B-28-4	Soluble	Solid	300.0	139569
890-9874-11	B-29-4	Soluble	Solid	300.0	139569
890-9874-12	B-30-4	Soluble	Solid	300.0	139569
MB 880-139569/1-A	Method Blank	Soluble	Solid	300.0	139569
LCS 880-139569/2-A	Lab Control Sample	Soluble	Solid	300.0	139569
LCSD 880-139569/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139569
890-9874-5 MS	B-23-4	Soluble	Solid	300.0	139569
890-9874-5 MSD	B-23-4	Soluble	Solid	300.0	139569

Analysis Batch: 139615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-13	B-31-4	Soluble	Solid	300.0	139570
890-9874-14	B-32-4	Soluble	Solid	300.0	139570
890-9874-15	B-33-4	Soluble	Solid	300.0	139570
890-9874-16	B-34-4	Soluble	Solid	300.0	139570
890-9874-17	B-35-4	Soluble	Solid	300.0	139570
890-9874-18	B-36-4	Soluble	Solid	300.0	139570
890-9874-19	B-37-4	Soluble	Solid	300.0	139570
890-9874-20	B-38-4	Soluble	Solid	300.0	139570
890-9874-21	B-39-4	Soluble	Solid	300.0	139570
890-9874-22	B-40-4	Soluble	Solid	300.0	139570
890-9874-23	B-46-4	Soluble	Solid	300.0	139570
890-9874-24	B-47-4	Soluble	Solid	300.0	139570
890-9874-25	B-48-4	Soluble	Solid	300.0	139570
890-9874-26	B-49-4	Soluble	Solid	300.0	139570
890-9874-27	B-50-4	Soluble	Solid	300.0	139570
890-9874-28	B-51-4	Soluble	Solid	300.0	139570
890-9874-29	B-52-4	Soluble	Solid	300.0	139570
890-9874-30	B-53-4	Soluble	Solid	300.0	139570
MB 880-139570/1-A	Method Blank	Soluble	Solid	300.0	139570
LCS 880-139570/2-A	Lab Control Sample	Soluble	Solid	300.0	139570
LCSD 880-139570/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139570
890-9874-13 MS	B-31-4	Soluble	Solid	300.0	139570
890-9874-13 MSD	B-31-4	Soluble	Solid	300.0	139570
890-9874-23 MS	B-46-4	Soluble	Solid	300.0	139570
890-9874-23 MS	B-46-4	Soluble	Solid	300.0	139570
890-9874-23 MSD	B-46-4	Soluble	Solid	300.0	139570
890-9874-23 MSD	B-46-4	Soluble	Solid	300.0	139570

Analysis Batch: 139616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-31	B-54-4	Soluble	Solid	300.0	139571
890-9874-32	B-55-4	Soluble	Solid	300.0	139571
890-9874-33	B-5-13	Soluble	Solid	300.0	139571
890-9874-34	SW-12-4-13	Soluble	Solid	300.0	139571
890-9874-35	SW-13-4-13	Soluble	Solid	300.0	139571
890-9874-36	B-41-4	Soluble	Solid	300.0	139571
890-9874-37	B-42-4	Soluble	Solid	300.0	139571
890-9874-38	B-43-4	Soluble	Solid	300.0	139571
890-9874-39	B-44-4	Soluble	Solid	300.0	139571
890-9874-40	B-45-4	Soluble	Solid	300.0	139571

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QC Association Summary

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

HPLC/IC (Continued)

Analysis Batch: 139616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9874-41	B-56-4	Soluble	Solid	300.0	139571
890-9874-42	B-57-4	Soluble	Solid	300.0	139571
890-9874-43	B-58-4	Soluble	Solid	300.0	139571
890-9874-44	B-59-4	Soluble	Solid	300.0	139571
890-9874-45	B-60-4	Soluble	Solid	300.0	139571
MB 880-139571/1-A	Method Blank	Soluble	Solid	300.0	139571
LCS 880-139571/2-A	Lab Control Sample	Soluble	Solid	300.0	139571
LCSD 880-139571/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139571
890-9874-31 MS	B-54-4	Soluble	Solid	300.0	139571
890-9874-31 MSD	B-54-4	Soluble	Solid	300.0	139571

Leach Batch: 139998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Soluble	Solid	DI Leach	
890-9895-2	B-62-4	Soluble	Solid	DI Leach	
890-9895-3	B-63-4	Soluble	Solid	DI Leach	
890-9895-4	SW-10-0-4	Soluble	Solid	DI Leach	
890-9895-5	SW-8-0-4	Soluble	Solid	DI Leach	
890-9895-6	SW-9-0-4	Soluble	Solid	DI Leach	
890-9895-7	B-64-4	Soluble	Solid	DI Leach	
MB 880-139998/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139998/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139998/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 140010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9895-1	B-61-4	Soluble	Solid	300.0	139998
890-9895-2	B-62-4	Soluble	Solid	300.0	139998
890-9895-3	B-63-4	Soluble	Solid	300.0	139998
890-9895-4	SW-10-0-4	Soluble	Solid	300.0	139998
890-9895-5	SW-8-0-4	Soluble	Solid	300.0	139998
890-9895-6	SW-9-0-4	Soluble	Solid	300.0	139998
890-9895-7	B-64-4	Soluble	Solid	300.0	139998
MB 880-139998/1-A	Method Blank	Soluble	Solid	300.0	139998
LCS 880-139998/2-A	Lab Control Sample	Soluble	Solid	300.0	139998
LCSD 880-139998/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139998

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: Backfill

Date Collected: 04/14/26 12:30

Date Received: 04/16/26 16:25

Lab Sample ID: 880-71105-1

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	5030B			5.01 g	5 mL	139016	04/26/26 17:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139012	04/27/26 00:11	MNR	EET MID
Total/NA	Analysis	8015 NM		1			139032	04/24/26 03:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138247	04/19/26 17:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138804	04/24/26 03:31	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138081	04/16/26 18:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138085	04/16/26 22:21	CS	EET MID

Client Sample ID: B-1-4

Date Collected: 04/17/26 10:18

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-1

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	5030B			4.95 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 13:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 07:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 07:40	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 09:43	CS	EET MID

Client Sample ID: B-2-4

Date Collected: 04/17/26 10:20

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-2

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	5030B			5.03 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 13:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 08:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 08:23	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138554	04/22/26 09:48	CS	EET MID

Client Sample ID: B-3-4

Date Collected: 04/17/26 10:22

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-3

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	5030B			5.05 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 14:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 08:37	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-3-4

Date Collected: 04/17/26 10:22

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-3

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	8015NM Prep			9.99 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 08:37	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138554	04/22/26 09:53	CS	EET MID

Client Sample ID: B-6-4

Date Collected: 04/17/26 10:28

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-4

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	5030B			5.00 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 14:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 08:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 08:51	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138554	04/22/26 09:58	CS	EET MID

Client Sample ID: B-7-4

Date Collected: 04/17/26 10:30

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-5

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	5030B			5.01 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 16:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 16:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 09:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 09:05	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138554	04/22/26 10:02	CS	EET MID

Client Sample ID: B-8-4

Date Collected: 04/17/26 10:32

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-6

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	5030B			4.98 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 16:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 09:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 09:19	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-8-4

Date Collected: 04/17/26 10:32

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-6

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	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138554	04/22/26 10:07	CS	EET MID

Client Sample ID: B-9-4

Date Collected: 04/17/26 11:00

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-7

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	5030B			4.95 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 16:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 09:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 09:34	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138554	04/22/26 10:22	CS	EET MID

Client Sample ID: B-10-4

Date Collected: 04/17/26 11:10

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-8

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	5030B			4.97 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 17:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 09:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 09:49	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138554	04/22/26 10:27	CS	EET MID

Client Sample ID: B-11-4

Date Collected: 04/17/26 11:20

Date Received: 04/20/26 16:35

Lab Sample ID: 890-9809-9

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	5030B			4.95 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 17:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 10:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 10:03	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138554	04/22/26 10:41	CS	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-1-0-4

Lab Sample ID: 890-9809-10

Date Collected: 04/17/26 11:30

Matrix: Solid

Date Received: 04/20/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	139444	04/30/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139433	04/30/26 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139558	04/30/26 17:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139770	05/02/26 10:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139340	04/29/26 10:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139706	05/02/26 10:17	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 10:46	CS	EET MID

Client Sample ID: SW-2-0-4

Lab Sample ID: 890-9836-1

Date Collected: 04/23/26 14:05

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 07:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 07:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/04/26 17:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 17:30	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138984	04/25/26 23:32	CS	EET MID

Client Sample ID: B-4 -4

Lab Sample ID: 890-9836-2

Date Collected: 04/23/26 14:15

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.98 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 07:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 07:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/04/26 17:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 17:44	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	138984	04/25/26 23:37	CS	EET MID

Client Sample ID: B-12 -4

Lab Sample ID: 890-9836-3

Date Collected: 04/23/26 14:18

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.95 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 08:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 08:05	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-12 -4**Date Collected: 04/23/26 14:18****Date Received: 04/23/26 16:35****Lab Sample ID: 890-9836-3****Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			139803	05/04/26 17:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 17:58	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138984	04/25/26 23:43	CS	EET MID

Client Sample ID: B-13 -4**Date Collected: 04/23/26 14:21****Date Received: 04/23/26 16:35****Lab Sample ID: 890-9836-4****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	5030B			5.03 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 08:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 08:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/04/26 18:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 18:13	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138984	04/26/26 00:00	CS	EET MID

Client Sample ID: B-14 -4**Date Collected: 04/23/26 14:24****Date Received: 04/23/26 16:35****Lab Sample ID: 890-9836-5****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	5030B			5.01 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 08:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 08:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/04/26 18:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 18:27	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138984	04/26/26 00:05	CS	EET MID

Client Sample ID: B-15 -4**Date Collected: 04/23/26 14:27****Date Received: 04/23/26 16:35****Lab Sample ID: 890-9836-6****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	5030B			4.97 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 09:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 09:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/04/26 18:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 18:41	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-15 -4

Lab Sample ID: 890-9836-6

Date Collected: 04/23/26 14:27

Matrix: Solid

Date Received: 04/23/26 16:35

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	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138984	04/26/26 00:11	CS	EET MID

Client Sample ID: B-16 -4

Lab Sample ID: 890-9836-7

Date Collected: 04/23/26 14:30

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.95 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 09:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 09:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 12:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 12:18	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138984	04/26/26 00:16	CS	EET MID

Client Sample ID: B-17 -4

Lab Sample ID: 890-9836-8

Date Collected: 04/23/26 14:33

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 09:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 09:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 12:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 12:33	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138984	04/26/26 00:22	CS	EET MID

Client Sample ID: B-18 -4

Lab Sample ID: 890-9836-9

Date Collected: 04/23/26 14:36

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.05 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 10:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 10:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 12:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 12:48	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	138984	04/26/26 00:27	CS	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-19 -4

Lab Sample ID: 890-9836-10

Date Collected: 04/23/26 14:39

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.00 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 10:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 10:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 13:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 13:03	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138984	04/26/26 00:44	CS	EET MID

Client Sample ID: B-20 -4

Lab Sample ID: 890-9836-11

Date Collected: 04/23/26 14:42

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 12:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 12:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 13:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 13:19	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	138984	04/26/26 00:49	CS	EET MID

Client Sample ID: B-21 -4

Lab Sample ID: 890-9836-12

Date Collected: 04/23/26 14:45

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.98 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 12:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 13:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 13:34	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	138984	04/26/26 01:06	CS	EET MID

Client Sample ID: B-22 -4

Lab Sample ID: 890-9836-13

Date Collected: 04/23/26 14:48

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.95 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 13:00	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-22 -4

Lab Sample ID: 890-9836-13

Date Collected: 04/23/26 14:48

Matrix: Solid

Date Received: 04/23/26 16:35

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			139803	05/02/26 13:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 13:49	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138984	04/26/26 01:11	CS	EET MID

Client Sample ID: SW-3-0-4

Lab Sample ID: 890-9836-14

Date Collected: 04/23/26 14:51

Matrix: Solid

Date Received: 04/23/26 16:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.97 g	5 mL	139684	05/01/26 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139715	05/03/26 13:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139862	05/03/26 13:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			139803	05/02/26 14:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139683	05/01/26 15:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139713	05/02/26 14:03	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138969	04/25/26 14:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138984	04/26/26 01:17	CS	EET MID

Client Sample ID: SW-4-0-4

Lab Sample ID: 890-9874-1

Date Collected: 04/29/26 13:05

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/07/26 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 22:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 00:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 00:50	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 10:53	SMC	EET MID

Client Sample ID: SW-5-0-4

Lab Sample ID: 890-9874-2

Date Collected: 04/29/26 13:10

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.98 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/07/26 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 23:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 01:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 01:34	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-5-0-4

Lab Sample ID: 890-9874-2

Date Collected: 04/29/26 13:10

Matrix: Solid

Date Received: 04/30/26 15:44

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	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 10:58	SMC	EET MID

Client Sample ID: SW-6-0-4

Lab Sample ID: 890-9874-3

Date Collected: 04/29/26 13:15

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/07/26 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 23:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 01:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 01:48	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 11:03	SMC	EET MID

Client Sample ID: SW-7-0-4

Lab Sample ID: 890-9874-4

Date Collected: 04/29/26 13:20

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/07/26 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 23:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 02:03	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 11:08	SMC	EET MID

Client Sample ID: B-23-4

Lab Sample ID: 890-9874-5

Date Collected: 04/29/26 13:25

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 00:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 02:17	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139580	05/01/26 11:12	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-24-4

Lab Sample ID: 890-9874-6

Date Collected: 04/29/26 13:27

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.97 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 00:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 02:31	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139580	05/01/26 11:27	SMC	EET MID

Client Sample ID: B-25-4

Lab Sample ID: 890-9874-7

Date Collected: 04/29/26 13:29

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 00:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 02:46	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139580	05/01/26 11:32	SMC	EET MID

Client Sample ID: B-26-4

Lab Sample ID: 890-9874-8

Date Collected: 04/29/26 13:31

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 01:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 03:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 03:00	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139580	05/01/26 11:47	SMC	EET MID

Client Sample ID: B-27-4

Lab Sample ID: 890-9874-9

Date Collected: 04/29/26 13:33

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.05 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 01:35	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-27-4

Lab Sample ID: 890-9874-9

Date Collected: 04/29/26 13:33

Matrix: Solid

Date Received: 04/30/26 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			140196	05/07/26 03:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 03:15	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139580	05/01/26 11:52	SMC	EET MID

Client Sample ID: B-28-4

Lab Sample ID: 890-9874-10

Date Collected: 04/29/26 13:35

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 01:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 03:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 03:29	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 11:57	SMC	EET MID

Client Sample ID: B-29-4

Lab Sample ID: 890-9874-11

Date Collected: 04/29/26 13:37

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.98 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 03:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 08:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 08:18	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 12:02	SMC	EET MID

Client Sample ID: B-30-4

Lab Sample ID: 890-9874-12

Date Collected: 04/29/26 13:39

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 03:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 08:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 08:33	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-30-4**Lab Sample ID: 890-9874-12****Date Collected: 04/29/26 13:39****Matrix: Solid****Date Received: 04/30/26 15:44**

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	139569	05/01/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139580	05/01/26 12:07	SMC	EET MID

Client Sample ID: B-31-4**Lab Sample ID: 890-9874-13****Date Collected: 04/29/26 13:41****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.97 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 04:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 04:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 08:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 08:46	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139615	05/01/26 12:46	SMC	EET MID

Client Sample ID: B-32-4**Lab Sample ID: 890-9874-14****Date Collected: 04/29/26 13:43****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 04:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 09:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 09:01	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:01	SMC	EET MID

Client Sample ID: B-33-4**Lab Sample ID: 890-9874-15****Date Collected: 04/29/26 13:45****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 04:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 04:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 09:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 09:17	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:06	SMC	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-34-4**Lab Sample ID: 890-9874-16****Date Collected: 04/29/26 13:47****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 05:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 05:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 09:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 09:31	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:11	SMC	EET MID

Client Sample ID: B-35-4**Lab Sample ID: 890-9874-17****Date Collected: 04/29/26 13:49****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.97 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 05:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 05:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 09:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 09:45	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:16	SMC	EET MID

Client Sample ID: B-36-4**Lab Sample ID: 890-9874-18****Date Collected: 04/29/26 13:51****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 05:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 05:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 09:59	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 09:59	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:31	SMC	EET MID

Client Sample ID: B-37-4**Lab Sample ID: 890-9874-19****Date Collected: 04/29/26 13:53****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 06:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 06:05	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-37-4

Lab Sample ID: 890-9874-19

Date Collected: 04/29/26 13:53

Matrix: Solid

Date Received: 04/30/26 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			140196	05/07/26 10:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 10:14	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:36	SMC	EET MID

Client Sample ID: B-38-4

Lab Sample ID: 890-9874-20

Date Collected: 04/29/26 13:55

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.00 g	5 mL	139830	05/04/26 15:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140106	05/08/26 06:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 06:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 10:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139636	05/01/26 12:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140027	05/07/26 10:28	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:40	SMC	EET MID

Client Sample ID: B-39-4

Lab Sample ID: 890-9874-21

Date Collected: 04/29/26 13:57

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/07/26 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 20:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 20:05	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:45	SMC	EET MID

Client Sample ID: B-40-4

Lab Sample ID: 890-9874-22

Date Collected: 04/29/26 13:59

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.98 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/07/26 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 23:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 21:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 21:06	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-40-4**Lab Sample ID: 890-9874-22****Date Collected: 04/29/26 13:59****Matrix: Solid****Date Received: 04/30/26 15:44**

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	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:50	SMC	EET MID

Client Sample ID: B-46-4**Lab Sample ID: 890-9874-23****Date Collected: 04/29/26 14:01****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 00:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 00:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 21:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 21:26	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 13:55	SMC	EET MID

Client Sample ID: B-47-4**Lab Sample ID: 890-9874-24****Date Collected: 04/29/26 14:03****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 00:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 21:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 21:46	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 14:10	SMC	EET MID

Client Sample ID: B-48-4**Lab Sample ID: 890-9874-25****Date Collected: 04/29/26 14:05****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 00:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 00:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 22:07	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 14:15	SMC	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-49-4**Lab Sample ID: 890-9874-26****Date Collected: 04/29/26 14:07****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.98 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 01:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 01:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 22:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 22:27	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 14:30	SMC	EET MID

Client Sample ID: B-50-4**Lab Sample ID: 890-9874-27****Date Collected: 04/29/26 14:09****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 01:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 01:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 22:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 22:47	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139615	05/01/26 14:35	SMC	EET MID

Client Sample ID: B-51-4**Lab Sample ID: 890-9874-28****Date Collected: 04/29/26 14:11****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 01:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 23:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 23:08	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139615	05/01/26 14:40	SMC	EET MID

Client Sample ID: B-52-4**Lab Sample ID: 890-9874-29****Date Collected: 04/29/26 14:13****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.00 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 02:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 02:14	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-52-4

Lab Sample ID: 890-9874-29

Date Collected: 04/29/26 14:13

Matrix: Solid

Date Received: 04/30/26 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			140196	05/06/26 23:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 23:28	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139615	05/01/26 14:45	SMC	EET MID

Client Sample ID: B-53-4

Lab Sample ID: 890-9874-30

Date Collected: 04/29/26 14:15

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 02:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 23:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/06/26 23:50	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139570	05/01/26 07:56	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139615	05/01/26 14:49	SMC	EET MID

Client Sample ID: B-54-4

Lab Sample ID: 890-9874-31

Date Collected: 04/29/26 14:17

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.99 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 04:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 00:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 00:30	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139616	05/01/26 11:20	SMC	EET MID

Client Sample ID: B-55-4

Lab Sample ID: 890-9874-32

Date Collected: 04/29/26 14:19

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 04:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 00:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 00:51	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-55-4**Lab Sample ID: 890-9874-32****Date Collected: 04/29/26 14:19****Matrix: Solid****Date Received: 04/30/26 15:44**

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	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139616	05/01/26 11:35	SMC	EET MID

Client Sample ID: B-5-13**Lab Sample ID: 890-9874-33****Date Collected: 04/29/26 14:40****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 04:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 04:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 01:11	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 01:11	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139616	05/01/26 11:40	SMC	EET MID

Client Sample ID: SW-12-4-13**Lab Sample ID: 890-9874-34****Date Collected: 04/29/26 14:30****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 05:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 01:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 01:32	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139616	05/01/26 11:44	SMC	EET MID

Client Sample ID: SW-13-4-13**Lab Sample ID: 890-9874-35****Date Collected: 04/29/26 14:35****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.97 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 05:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 05:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 01:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 01:52	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139616	05/01/26 11:49	SMC	EET MID

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Lab Chronicle

Client: Arcadis US Inc.

Job ID: 890-9895-2

Project/Site: graham craker 2 state 1H

Client Sample ID: B-41-4

Lab Sample ID: 890-9874-36

Date Collected: 04/29/26 14:55

Matrix: Solid

Date Received: 04/30/26 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	5030B			4.95 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 05:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 02:13	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139616	05/01/26 12:04	SMC	EET MID

Client Sample ID: B-42-4

Lab Sample ID: 890-9874-37

Date Collected: 04/29/26 14:57

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 06:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 06:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 02:33	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139616	05/01/26 12:09	SMC	EET MID

Client Sample ID: B-43-4

Lab Sample ID: 890-9874-38

Date Collected: 04/29/26 14:59

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.00 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 06:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 06:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 02:53	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139616	05/01/26 12:14	SMC	EET MID

Client Sample ID: B-44-4

Lab Sample ID: 890-9874-39

Date Collected: 04/29/26 15:01

Matrix: Solid

Date Received: 04/30/26 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	5030B			5.05 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 06:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 06:55	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-44-4**Lab Sample ID: 890-9874-39****Date Collected: 04/29/26 15:01****Matrix: Solid****Date Received: 04/30/26 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			140196	05/07/26 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 03:14	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139616	05/01/26 12:18	SMC	EET MID

Client Sample ID: B-45-4**Lab Sample ID: 890-9874-40****Date Collected: 04/29/26 15:03****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139832	05/04/26 15:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140124	05/08/26 07:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/08/26 07:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/07/26 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139637	05/01/26 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140108	05/07/26 03:34	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	139616	05/01/26 12:23	SMC	EET MID

Client Sample ID: B-56-4**Lab Sample ID: 890-9874-41****Date Collected: 04/29/26 15:05****Matrix: Solid****Date Received: 04/30/26 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	5030B			4.98 g	5 mL	139843	05/04/26 15:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/07/26 04:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 04:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 20:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139638	05/01/26 13:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140110	05/06/26 20:05	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139616	05/01/26 12:28	SMC	EET MID

Client Sample ID: B-57-4**Lab Sample ID: 890-9874-42****Date Collected: 04/29/26 15:07****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.02 g	5 mL	139843	05/04/26 15:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/07/26 04:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 04:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 21:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	139638	05/01/26 13:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140110	05/06/26 21:06	FC	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-57-4**Lab Sample ID: 890-9874-42****Date Collected: 04/29/26 15:07****Matrix: Solid****Date Received: 04/30/26 15:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139616	05/01/26 12:43	SMC	EET MID

Client Sample ID: B-58-4**Lab Sample ID: 890-9874-43****Date Collected: 04/29/26 15:09****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.01 g	5 mL	139843	05/04/26 15:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/07/26 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 05:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 21:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139638	05/01/26 13:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140110	05/06/26 21:26	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139616	05/01/26 12:47	SMC	EET MID

Client Sample ID: B-59-4**Lab Sample ID: 890-9874-44****Date Collected: 04/29/26 15:11****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.02 g	5 mL	139843	05/04/26 15:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/07/26 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 05:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 21:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139638	05/01/26 13:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140110	05/06/26 21:46	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139616	05/01/26 13:02	SMC	EET MID

Client Sample ID: B-60-4**Lab Sample ID: 890-9874-45****Date Collected: 04/29/26 15:13****Matrix: Solid****Date Received: 04/30/26 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	5030B			5.03 g	5 mL	139843	05/04/26 15:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/07/26 05:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140185	05/07/26 05:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			140196	05/06/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	139638	05/01/26 13:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140110	05/06/26 22:07	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139571	05/01/26 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139616	05/01/26 13:07	SMC	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-61-4

Lab Sample ID: 890-9895-1

Date Collected: 05/04/26 10:10

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 08:46	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 08:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			140331	05/08/26 11:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 11:51	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:07	CS	EET MID

Client Sample ID: B-62-4

Lab Sample ID: 890-9895-2

Date Collected: 05/04/26 10:20

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.97 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 09:07	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 09:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			140331	05/08/26 12:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 12:05	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:12	CS	EET MID

Client Sample ID: B-63-4

Lab Sample ID: 890-9895-3

Date Collected: 05/04/26 10:30

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.95 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 09:27	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 09:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			140331	05/08/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 12:19	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:17	CS	EET MID

Client Sample ID: SW-10-0-4

Lab Sample ID: 890-9895-4

Date Collected: 05/04/26 10:40

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 09:48	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 09:48	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: SW-10-0-4

Lab Sample ID: 890-9895-4

Date Collected: 05/04/26 10:40

Matrix: Solid

Date Received: 05/05/26 15:25

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			140331	05/08/26 12:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 12:49	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:22	CS	EET MID

Client Sample ID: SW-8-0-4

Lab Sample ID: 890-9895-5

Date Collected: 05/04/26 10:50

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.00 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 10:08	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 10:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			140331	05/08/26 13:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 13:03	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:27	CS	EET MID

Client Sample ID: SW-9-0-4

Lab Sample ID: 890-9895-6

Date Collected: 05/04/26 11:00

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.05 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 10:29	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 10:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			140331	05/08/26 13:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 13:17	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:32	CS	EET MID

Client Sample ID: B-64-4

Lab Sample ID: 890-9895-7

Date Collected: 05/04/26 11:10

Matrix: Solid

Date Received: 05/05/26 15:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	140190	05/07/26 12:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140129	05/08/26 10:49	SA	EET MID
Total/NA	Analysis	Total BTEX		1			140321	05/08/26 10:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			140331	05/08/26 13:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 13:31	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Client Sample ID: B-64-4
Date Collected: 05/04/26 11:10
Date Received: 05/05/26 15:25

Lab Sample ID: 890-9895-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	139998	05/06/26 07:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140010	05/06/26 12:37	CS	EET MID

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

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- 2
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Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

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	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704400. 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: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

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
5030B	Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID

Protocol References:

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: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71105-1	Backfill	Solid	04/14/26 12:30	04/16/26 16:25	Texas
890-9809-1	B-1-4	Solid	04/17/26 10:18	04/20/26 16:35	Texas
890-9809-2	B-2-4	Solid	04/17/26 10:20	04/20/26 16:35	Texas
890-9809-3	B-3-4	Solid	04/17/26 10:22	04/20/26 16:35	Texas
890-9809-4	B-6-4	Solid	04/17/26 10:28	04/20/26 16:35	Texas
890-9809-5	B-7-4	Solid	04/17/26 10:30	04/20/26 16:35	Texas
890-9809-6	B-8-4	Solid	04/17/26 10:32	04/20/26 16:35	Texas
890-9809-7	B-9-4	Solid	04/17/26 11:00	04/20/26 16:35	Texas
890-9809-8	B-10-4	Solid	04/17/26 11:10	04/20/26 16:35	Texas
890-9809-9	B-11-4	Solid	04/17/26 11:20	04/20/26 16:35	Texas
890-9809-10	SW-1-0-4	Solid	04/17/26 11:30	04/20/26 16:35	Texas
890-9836-1	SW-2-0-4	Solid	04/23/26 14:05	04/23/26 16:35	Texas
890-9836-2	B-4 -4	Solid	04/23/26 14:15	04/23/26 16:35	Texas
890-9836-3	B-12 -4	Solid	04/23/26 14:18	04/23/26 16:35	Texas
890-9836-4	B-13 -4	Solid	04/23/26 14:21	04/23/26 16:35	Texas
890-9836-5	B-14 -4	Solid	04/23/26 14:24	04/23/26 16:35	Texas
890-9836-6	B-15 -4	Solid	04/23/26 14:27	04/23/26 16:35	Texas
890-9836-7	B-16 -4	Solid	04/23/26 14:30	04/23/26 16:35	Texas
890-9836-8	B-17 -4	Solid	04/23/26 14:33	04/23/26 16:35	Texas
890-9836-9	B-18 -4	Solid	04/23/26 14:36	04/23/26 16:35	Texas
890-9836-10	B-19 -4	Solid	04/23/26 14:39	04/23/26 16:35	Texas
890-9836-11	B-20 -4	Solid	04/23/26 14:42	04/23/26 16:35	Texas
890-9836-12	B-21 -4	Solid	04/23/26 14:45	04/23/26 16:35	Texas
890-9836-13	B-22 -4	Solid	04/23/26 14:48	04/23/26 16:35	Texas
890-9836-14	SW-3-0-4	Solid	04/23/26 14:51	04/23/26 16:35	Texas
890-9874-1	SW-4-0-4	Solid	04/29/26 13:05	04/30/26 15:44	Texas
890-9874-2	SW-5-0-4	Solid	04/29/26 13:10	04/30/26 15:44	Texas
890-9874-3	SW-6-0-4	Solid	04/29/26 13:15	04/30/26 15:44	Texas
890-9874-4	SW-7-0-4	Solid	04/29/26 13:20	04/30/26 15:44	Texas
890-9874-5	B-23-4	Solid	04/29/26 13:25	04/30/26 15:44	Texas
890-9874-6	B-24-4	Solid	04/29/26 13:27	04/30/26 15:44	Texas
890-9874-7	B-25-4	Solid	04/29/26 13:29	04/30/26 15:44	Texas
890-9874-8	B-26-4	Solid	04/29/26 13:31	04/30/26 15:44	Texas
890-9874-9	B-27-4	Solid	04/29/26 13:33	04/30/26 15:44	Texas
890-9874-10	B-28-4	Solid	04/29/26 13:35	04/30/26 15:44	Texas
890-9874-11	B-29-4	Solid	04/29/26 13:37	04/30/26 15:44	Texas
890-9874-12	B-30-4	Solid	04/29/26 13:39	04/30/26 15:44	Texas
890-9874-13	B-31-4	Solid	04/29/26 13:41	04/30/26 15:44	Texas
890-9874-14	B-32-4	Solid	04/29/26 13:43	04/30/26 15:44	Texas
890-9874-15	B-33-4	Solid	04/29/26 13:45	04/30/26 15:44	Texas
890-9874-16	B-34-4	Solid	04/29/26 13:47	04/30/26 15:44	Texas
890-9874-17	B-35-4	Solid	04/29/26 13:49	04/30/26 15:44	Texas
890-9874-18	B-36-4	Solid	04/29/26 13:51	04/30/26 15:44	Texas
890-9874-19	B-37-4	Solid	04/29/26 13:53	04/30/26 15:44	Texas
890-9874-20	B-38-4	Solid	04/29/26 13:55	04/30/26 15:44	Texas
890-9874-21	B-39-4	Solid	04/29/26 13:57	04/30/26 15:44	Texas
890-9874-22	B-40-4	Solid	04/29/26 13:59	04/30/26 15:44	Texas
890-9874-23	B-46-4	Solid	04/29/26 14:01	04/30/26 15:44	Texas
890-9874-24	B-47-4	Solid	04/29/26 14:03	04/30/26 15:44	Texas
890-9874-25	B-48-4	Solid	04/29/26 14:05	04/30/26 15:44	Texas
890-9874-26	B-49-4	Solid	04/29/26 14:07	04/30/26 15:44	Texas
890-9874-27	B-50-4	Solid	04/29/26 14:09	04/30/26 15:44	Texas
890-9874-28	B-51-4	Solid	04/29/26 14:11	04/30/26 15:44	Texas

Eurofins Carlsbad

Sample Summary

Client: Arcadis US Inc.
Project/Site: graham craker 2 state 1H

Job ID: 890-9895-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9874-29	B-52-4	Solid	04/29/26 14:13	04/30/26 15:44	Texas
890-9874-30	B-53-4	Solid	04/29/26 14:15	04/30/26 15:44	Texas
890-9874-31	B-54-4	Solid	04/29/26 14:17	04/30/26 15:44	Texas
890-9874-32	B-55-4	Solid	04/29/26 14:19	04/30/26 15:44	Texas
890-9874-33	B-5-13	Solid	04/29/26 14:40	04/30/26 15:44	Texas
890-9874-34	SW-12-4-13	Solid	04/29/26 14:30	04/30/26 15:44	Texas
890-9874-35	SW-13-4-13	Solid	04/29/26 14:35	04/30/26 15:44	Texas
890-9874-36	B-41-4	Solid	04/29/26 14:55	04/30/26 15:44	Texas
890-9874-37	B-42-4	Solid	04/29/26 14:57	04/30/26 15:44	Texas
890-9874-38	B-43-4	Solid	04/29/26 14:59	04/30/26 15:44	Texas
890-9874-39	B-44-4	Solid	04/29/26 15:01	04/30/26 15:44	Texas
890-9874-40	B-45-4	Solid	04/29/26 15:03	04/30/26 15:44	Texas
890-9874-41	B-56-4	Solid	04/29/26 15:05	04/30/26 15:44	Texas
890-9874-42	B-57-4	Solid	04/29/26 15:07	04/30/26 15:44	Texas
890-9874-43	B-58-4	Solid	04/29/26 15:09	04/30/26 15:44	Texas
890-9874-44	B-59-4	Solid	04/29/26 15:11	04/30/26 15:44	Texas
890-9874-45	B-60-4	Solid	04/29/26 15:13	04/30/26 15:44	Texas
890-9895-1	B-61-4	Solid	05/04/26 10:10	05/05/26 15:25	Texas
890-9895-2	B-62-4	Solid	05/04/26 10:20	05/05/26 15:25	Texas
890-9895-3	B-63-4	Solid	05/04/26 10:30	05/05/26 15:25	Texas
890-9895-4	SW-10-0-4	Solid	05/04/26 10:40	05/05/26 15:25	Texas
890-9895-5	SW-8-0-4	Solid	05/04/26 10:50	05/05/26 15:25	Texas
890-9895-6	SW-9-0-4	Solid	05/04/26 11:00	05/05/26 15:25	Texas
890-9895-7	B-64-4	Solid	05/04/26 11:10	05/05/26 15:25	Texas

Eurofins Carlsbad

Eurofins Midland

1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

Client Information		Lab PM:	Carrier Tracking No(s):
Client Contact:	Mr. Morgan Jordan	Builes, John	
Company:	Arcadis US Inc.	E-Mail:	State of Origin:
Address:	1004 North Big Spring Suite 300	John.Builes@et.eurofins.com	N
City:	Midland		
State Zip:	TX, 79701		
Phone:	281-644-9437(Tel)		
Project Name:	Justin. Nixon @ Arcadis.com		
Site:	Graham Creek 2 State 1H		
	Foley County, NM		

Due Date Requested:	Analysis Requested
TAT Requested (days):	
Compliance Project: ☐ Yes ☒ No	
PO #:	
Purchase Order Requested	
WO #:	
Project #:	
SSOW#:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=air)	Field Filtered Sample (Yes or No)	Form MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8021B	Total Number of Containers	Preservation Codes: N - None	Other:	Special Instructions/Note:
B-61-4'	5/4/26	1010	C	Solid			X				
B-62-4'		1020		Solid			X				
B-63-4'		1030		Solid			X				
SW-10-0-4'		1040		Solid			X				
SW-8-0-4'		1050		Solid			X				
SW-9-0-4'		1100		Solid			X				
B-64-4'	X	1110	X	Solid			X				
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable	☐ Return To Client	☐ Disposal By Lab
Deliverable Requested: I, II, III, IV, Other (specify)		Archive For _____ Months	

Empty Kit Relinquished by:		Date:	
Relinquished by:	Company	Received by:	Company
Relinquished by:	Company	Received by:	Company
Relinquished by:	Company	Received by:	Company
Custody Seals Intact: ☐ Yes ☒ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	

Ver: 10/10/2024	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 890-9895-2

Login Number: 9895

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Carlsbad

Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 890-9895-2

Login Number: 9895

List Number: 2

Creator: Dyal, Erica

List Source: Eurofins Midland

List Creation: 05/06/26 09:47 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Carlsbad

Arcadis U.S., Inc.
1004 North Big Spring Street, Suite 121
Midland
Texas 79701
Phone: 432 687 5400
Fax: 432 687 5401
www.arcadis.com

Arcadis. Improving quality of life.

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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 595013

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 595013
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2418559790
Incident Name	NAPP2418559790 GRAHAM CRACKER 2 STATE 1H @ F-10-26S-28E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source*Please answer all the questions in this group.*

Site Name	GRAHAM CRACKER 2 STATE 1H
Date Release Discovered	06/28/2024
Surface Owner	State

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: Other Flow Line - Production Produced Water Released: 53 BBL Recovered: 45 BBL Lost: 8 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 595013

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 595013
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: Justin Nixon Title: Project Manager Email: justin.nixon@arcadis.com Date: 06/12/2026

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QUESTIONS, Page 3

Action 595013

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	595013
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 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	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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)	24400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1120
GRO+DRO (EPA SW-846 Method 8015M)	1120
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<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	03/31/2026
On what date will (or did) the final sampling or liner inspection occur	04/07/2026
On what date will (or was) the remediation complete(d)	04/28/2026
What is the estimated surface area (in square feet) that will be reclaimed	2000
What is the estimated volume (in cubic yards) that will be reclaimed	296
What is the estimated surface area (in square feet) that will be remediated	2000
What is the estimated volume (in cubic yards) that will be remediated	296
<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 595013

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	595013
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

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	fAPP2203933738 Graham Cracker 2 State 1H - Battery
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: Justin Nixon Title: Project Manager Email: justin.nixon@arcadis.com Date: 06/12/2026
<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 5

Action 595013

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 595013
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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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QUESTIONS, Page 6

Action 595013

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 595013
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	581802
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2026
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

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	12800
What was the total volume (cubic yards) remediated	3636
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	12800
What was the total volume (in cubic yards) reclaimed	3636
Summarize any additional remediation activities not included by answers (above)	Sidewall sample SW-11 does not exist. It skips from SW-10 to SW-12. 12 and 13 were collected prior to finishing the estimated exterior samples. The total square footage did not require the last anticipated exterior SW sample. All SW samples collected satisfy the 200 sq ft sampling requirements.
<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: Justin Nixon Title: Project Manager Email: justin.nixon@arcadis.com Date: 06/12/2026

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Action 595013

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 595013
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 595013

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 595013
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/22/2026