April 17, 2026

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Remediation Closure Report
Big Cat 16 9 State Federal Com #001H
Incident Number nAPP2602053608
Eddy County, New Mexico

To Whom It May Concern:

Safety & Environmental Solutions (SESI), on behalf of Devon Energy Production Company, LP (Devon), has prepared this Remediation Closure Report in accordance with New Mexico Oil Conservation Division (NMOCD) requirements to document site assessment, delineation, and corrective actions conducted at the Big Cat 16-9 State Federal Com #001H (Site) following a produced water release Incident No. nAPP2602053608.

Site assessment activities, including field observations, field screening, and laboratory analytical testing of soil samples, were performed to evaluate the presence and extent of potential impacts to soil. Based on the results of these activities, this report summarizes the delineation, excavation, and confirmation sampling efforts completed to date.

SITE INFORMATION

Operator: Devon Energy Production Company, LP
Well Name: Big Cat 16 9 State Federal Com #001H
API Number: 30-025-43196
GPS Coordinates: 32.304731, -103.686176, NAD 83
PLSS: Unit Letter E, Section 16, Township 23 South, Range 32 East
NMSLO Lessee: Devon Energy Production Co. LP
NMSLO Lease Number (Status): V043400004

BACKGROUND

The site is located Unit E, Section 16, Township 23S, Range 32E, Lea County, New Mexico (32.304731, -103.686176, NAD 83) and is associated with oil and gas exploration and production operations on New Mexico State Trust Land managed by New Mexico State Land Office (NMSLO).

Incident C-141 received on 01/20/2026 for release on 01/20/2026. The cause of the release was reported as equipment failure: "Stuffing box leak to pad surface." Equipment Failure | Well | Produced Water | Released: 27 BBL | Recovered: 0 BBL | Lost: 27 BBL.

SITE CHARACTERIZATION and CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

- Surface elevation is approximately 3,670 feet above mean sea level (msl).
- The nearest continuously flowing water course:

  - The nearest wetland (riverine R4SBJ) is located 4.18 miles northwest of the site.
  - The nearest freshwater pond (PUBKx) is located 2.3 miles southeast of the site.
- The nearest lakebed, sinkhole, or playa lake:
  - The nearest lake (Bell Lake L2USC) is located 7.92 miles southeast of the site.
  - The nearest freshwater emergent wetland (PEM1J) is located 3.9 miles southwest of the site.
  - The nearest freshwater emergent wetland (PEM1Ax) is located 3.93 miles southwest of the site.
- The nearest subsurface mine is more than 16.46 miles to the northwest, associated with potash mining near Carlsbad.
- According to the FEMA National Flood Hazard Layer (NFHL) FIRMette map, the Site is located entirely within Zone D. The property is not located within a 100-year floodplain (Zone A or AE), and no regulatory floodways are mapped at or immediately adjacent to the Site. The nearest Zone A is located 9.83 miles southwest of the site.
- USGS karst occurrence potential data designates the area as low risk.
- The soil map indicates the entire ~0.4-acre area is mapped as MF—Maljamar and Palomas fine sands (0–3% slopes). This map unit occurs on very gently sloping plains and low rises in a semi-arid setting, reflecting sandy surface materials derived from sedimentary parent materials.
- From a soils-and-geology perspective, the MF unit is dominated by two sandy soil components: Maljamar and Palomas. Maljamar soils formed in wind-blown (eolian) sandy deposits and typically consist of a thick fine-sand surface layer over a sandy clay loam subsoil, with a cemented carbonate layer (petrocalcic horizon) commonly occurring at moderate depth (roughly 40–60 inches). This cemented layer can restrict deeper rooting and influence infiltration and subsurface drainage behavior. Palomas soils formed in alluvium derived from sandstone and also have a fine-sand surface layer over a sandy clay loam subsoil but generally do not have a shallow cemented restrictive layer; carbonate accumulation tends to occur deeper. Both primary soils are well drained, and the map unit is associated with stable upland positions with minimal flood or ponding potential. Minor inclusions of other sandy soils may occur in small areas but do not change the overall interpretation of a predominantly sandy, well-drained surficial profile over sediment-derived materials.
- Groundwater in the area occurs at depths greater than 55 feet below ground surface (bgs). According to records from the New Mexico Office of the State Engineer (OSE), three registered Points of Diversion (PODs) are located in the vicinity of the site:
  - C-05058-POD1 is located 0.31 miles east of the site and is permitted for monitoring purposes. The well was drilled to a depth of 60 feet on March 25, 2026, groundwater was not encountered, and the well was classified as a dry hole and plugged on March 30, 2026.
  - C-04712-POD2 is located 0.46 miles southwest of the site and is permitted for groundwater determination purposes. The well was drilled to a depth of 55 feet on March 9, 2023, groundwater was not encountered, and the well was classified as a dry hole.
  - C-04703-POD1 is located 0.75 miles northwest of the site and is permitted for groundwater determination purposes. The well was drilled to an approved depth of 55 feet, groundwater was not encountered, and the well was classified as a dry hole.

Based on the results of the Site Characterization, the consistent absence of groundwater across all nearby borings indicates that groundwater, if present, occurs at depths exceeding 55–60 feet bgs in this area. Therefore, pursuant to Table I Closure Criteria for Soils Impacted by a Release as specified in 19.15.29 NMAC, the following closure criteria apply to the Site:

- Benzene: 10 mg/kg
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- GRO + DRO: 1,000 mg/kg
- Total petroleum hydrocarbons (TPH): 2,500 mg/kg
- Chloride: 10,000 mg/kg

BIOLOGICAL COMPLIANCE STATEMENT

A biological desktop assessment was completed to evaluate the potential presence of federally listed species, state-listed species, and designated critical habitat within or adjacent to the Site. Review sources included publicly available information from the U.S. Fish and Wildlife Service (USFWS), the New Mexico Department of Game and Fish (NMDGF), and regional habitat mapping resources.

The Site is located within an area characterized by disturbed rangeland and early successional vegetation, with no mapped critical habitats, riparian features, wetlands, or ecological communities typically associated with sensitive or special-status species. The nearest wetland feature is located approximately 3.9 miles southwest of the site, and the nearest surface water body is located approximately 2.3 miles southeast of the site. No indicators of protected wildlife use were observed during SESI field inspections.

Because the proposed remediation activities will occur exclusively within the previously disturbed footprint of the Big Cat 16 9 State Federal Com #001H well pad, and will not introduce new ground disturbance, no adverse impacts to biological resources are anticipated. Should protected species or sensitive wildlife be unexpectedly encountered during on-site work, operations will be temporarily halted, and ECO will be contacted to determine appropriate avoidance or mitigation measures.

CULTURAL RESOURCES COMPLIANCE STATEMENT

The Site has been evaluated for compliance with the Cultural Properties Protection Rule (19.2.24 NMAC) administered by the New Mexico State Land Office (NMSLO). Under 19.2.24.10(A)(8) NMAC, remediation activities occurring entirely within previously disturbed areas are exempt from archaeological survey requirements, including ARMS file searches and archaeological clearance. Because all remediation activities at the Big Cat 16 9 State Federal Com #001H are confined to the existing disturbed well pad footprint with no proposed expansion of disturbance limits, the project meets this exemption. Therefore, no archaeological survey, clearance, or coordination with the Agency for Conservation Archaeology (ARMS) is required at this time. Should the scope of work change to include new surface disturbance, cultural resource obligations would need to be re-evaluated prior to implementation.

SITE ASSESSMENT

On February 04-06, 2026, SESI personnel mobilized to the site to assess the site and release area pertaining to this incident. SESI's assessment indicated the release area measured approximately 4,533 square feet, and the release area remained on the pad.

Three boreholes (BH-1 through BH-3) were advanced via hand auger within the release area to assess the vertical extent of the release area. For each borehole location grab samples were collected at the surface and then in one-foot increments until full vertical delineation was attained. Boreholes (BH-1 & BH-3) were drilled 3 feet below ground surface (BGS) before vertical extent of contamination was reached. Borehole (BH-2) was drilled 6 feet BGS before vertical extent of contamination was reached.

Six additional soil sample locations (SP-1 through SP-6) were collected inside the release area to better assess full extent of contamination. SP-1 through SP-6 soil samples were collected at surface, 2 feet BGS, and 3 feet BGS.

Six horizontal soil samples (HP-1 through HP-6) surrounding the release boundaries were collected. Samples were collected at the surface and then 1 foot BGS to verify the lateral extent.

All delineation soil samples were collected using a grab sampling method. Samples were field screened for chloride using Hach® Chloride QuanTab® test strips.

All delineation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Analytical Laboratory in Midland, Texas, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0. Laboratory Summary Results are included in Table 1 of this report.

REMEDIATION ACTIVITIES

Following the delineation investigation conducted on February 04-06, 2026, SESI determined that the release impacted an area of approximately 4,533 square feet. The site is located in an area with low karst potential, and groundwater is present at a depth greater than 55 feet BGS. Based on these conditions, the applicable remediation standards under NMOCD Table 1 are 10,000 mg/kg for chloride, 2,500 mg/kg for total petroleum hydrocarbons (TPH), and 1,000 mg/kg GRO + DRO, Benzene 10 mg/kg, and BTEX 50 mg/kg.

Laboratory analytical results indicate that all delineation soil samples were below NMOCD Table 1 are 10,000 mg/kg for chloride, 2,500 mg/kg for total petroleum hydrocarbons (TPH), and 1,000 mg/kg GRO + DRO, all BTEX were reported below laboratory detection limits.

To address impacted and visibly stained soils, excavation activities were conducted using mechanical equipment, with hand excavation performed in areas of limited access and in proximity to sensitive infrastructure. Excavation was completed between March 20 - 23, 2026, and extended to depths ranging from approximately 7 inches to 1 foot BGS. Approximately 168 cubic yards of excavated materials were transported under manifest to Lea Land disposal facility.

The required 48-hour notification for confirmation sampling was submitted to NMOCD on March 24, 2026. On March 27, 2026, five-point composite confirmation samples were collected from the base and sidewalls of the excavation. Due to the shallow nature of the excavation (approximately 7 inches to 1 feet BGS), the collection of discrete sidewall samples was not practicable. Therefore, representative samples were collected by combining sidewall and base soils to characterize excavation limits.

The soil samples were transported under strict chain-of-custody procedures to Eurofins Analytical Laboratory in Midland, Texas, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Analytical results indicate that benzene, total BTEX, and TPH were not detected above laboratory reporting limits or were present at concentrations below applicable closure criteria. Chloride concentrations ranged from 241 to 2,730 mg/kg, which were below the NMOCD closure criteria of 10,000 mg/kg. All Laboratory results are summarized in Table 2 of this report. Laboratory analytical results confirm that the regulatory closure criteria have been met, the excavated area was backfilled with clean, compatible material and restored to the surrounding grade.

CONCLUSION

Based on the site assessment, completed corrective actions, and validated laboratory analytical results, the site conditions meet the applicable NMOCD closure criteria. SESI, on behalf of Devon Energy Production Company, LP respectfully requests closure of NMOCD Incident # nAPP2602053608.

If you have any questions or comments, please contact Leslie Mendenhall at (575) 973-5675 or lmendenhall@sesi-nm.com.

Sincerely,
Safety & Environmental Solutions, Inc.

Leslie Mendenhall

Leslie Mendenhall, Sr. VP of Environmental

Cc: Jim Raley, Devon
NMSLO

APPENDICES:

Figure 1.	Site Vicinity and Receptor Map
Figure 2.	Delineation Soil Sample Locations
Figure 3.	Confirmation Soil Sample Locations
Table 1.	Soil Sample Analytical Results Summary (Delineation Soil Samples)
Table 2.	Soil Sample Analytical Results Summary (Confirmation Soil Samples)
Appendix A.	Well Log and Record
Appendix B.	Soil Report
Appendix C.	Photographic Log
Appendix D.	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E.	NMOCD Correspondence

Figure 1. Site Vicinity and Receptor Map

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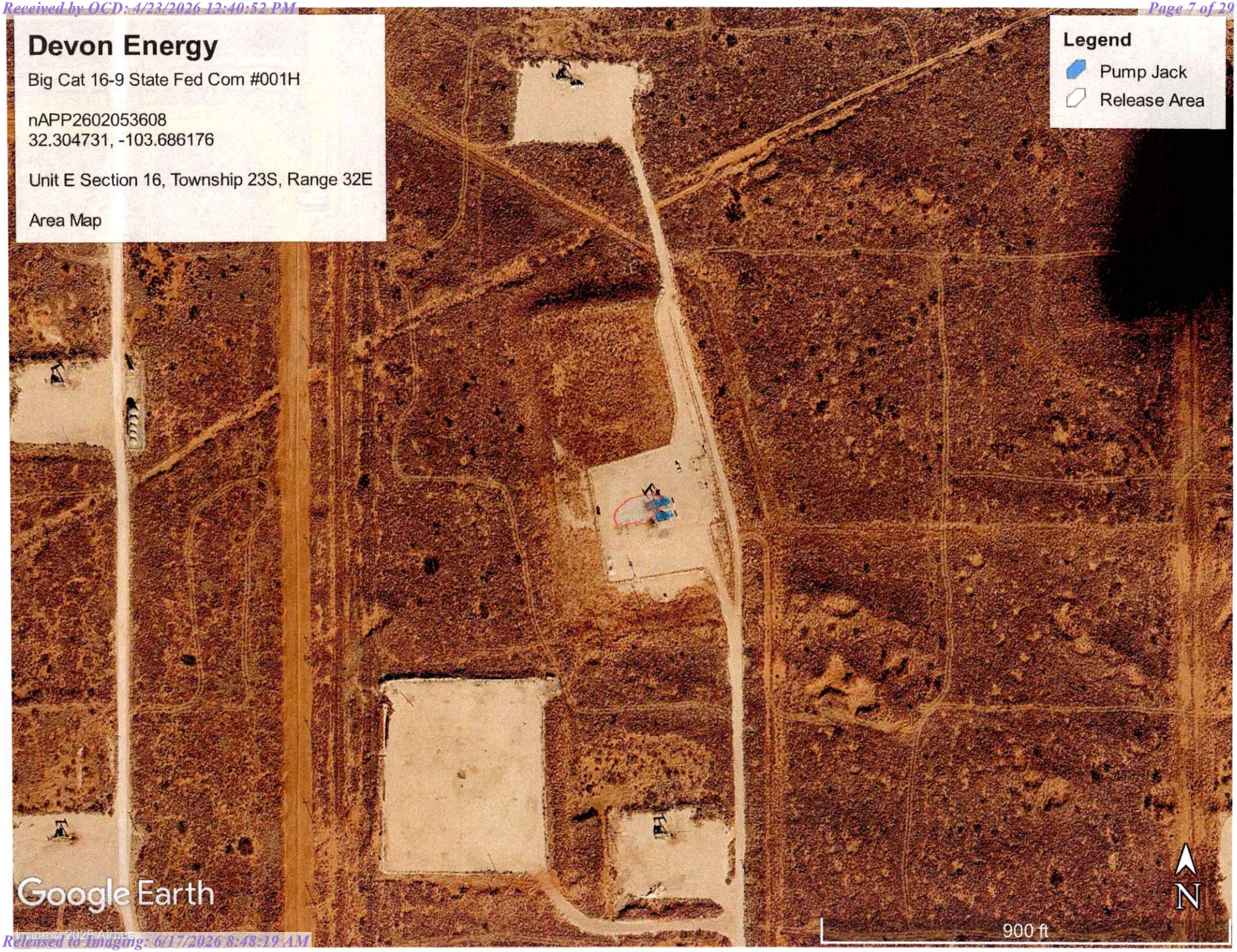
Devon Energy

Big Cat 16-9 State Fed Com #001H

nAPP2602053608
32.304731, -103.686176

Unit E Section 16, Township 23S, Range 32E

Area Map



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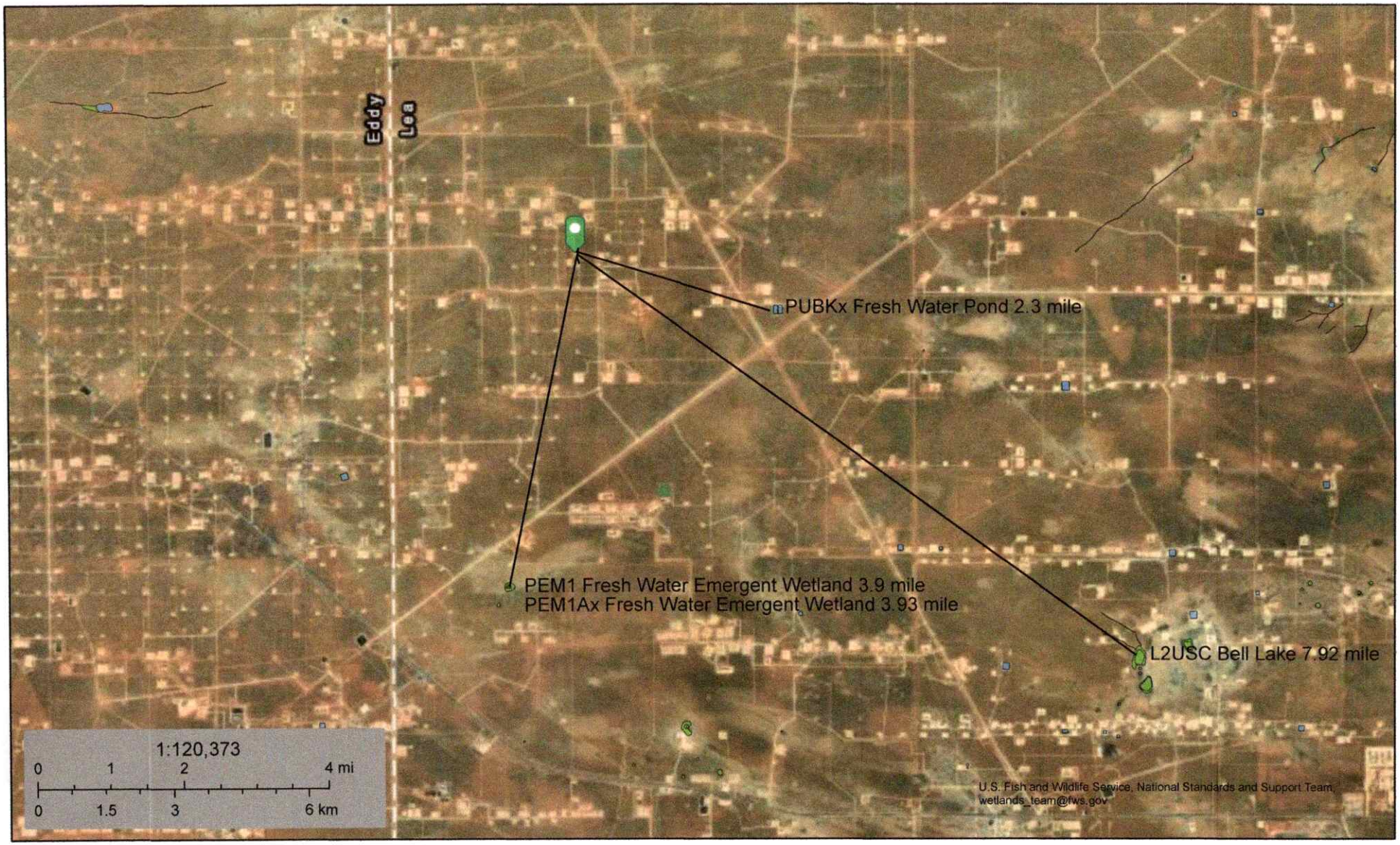
U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetland Map



April 13, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
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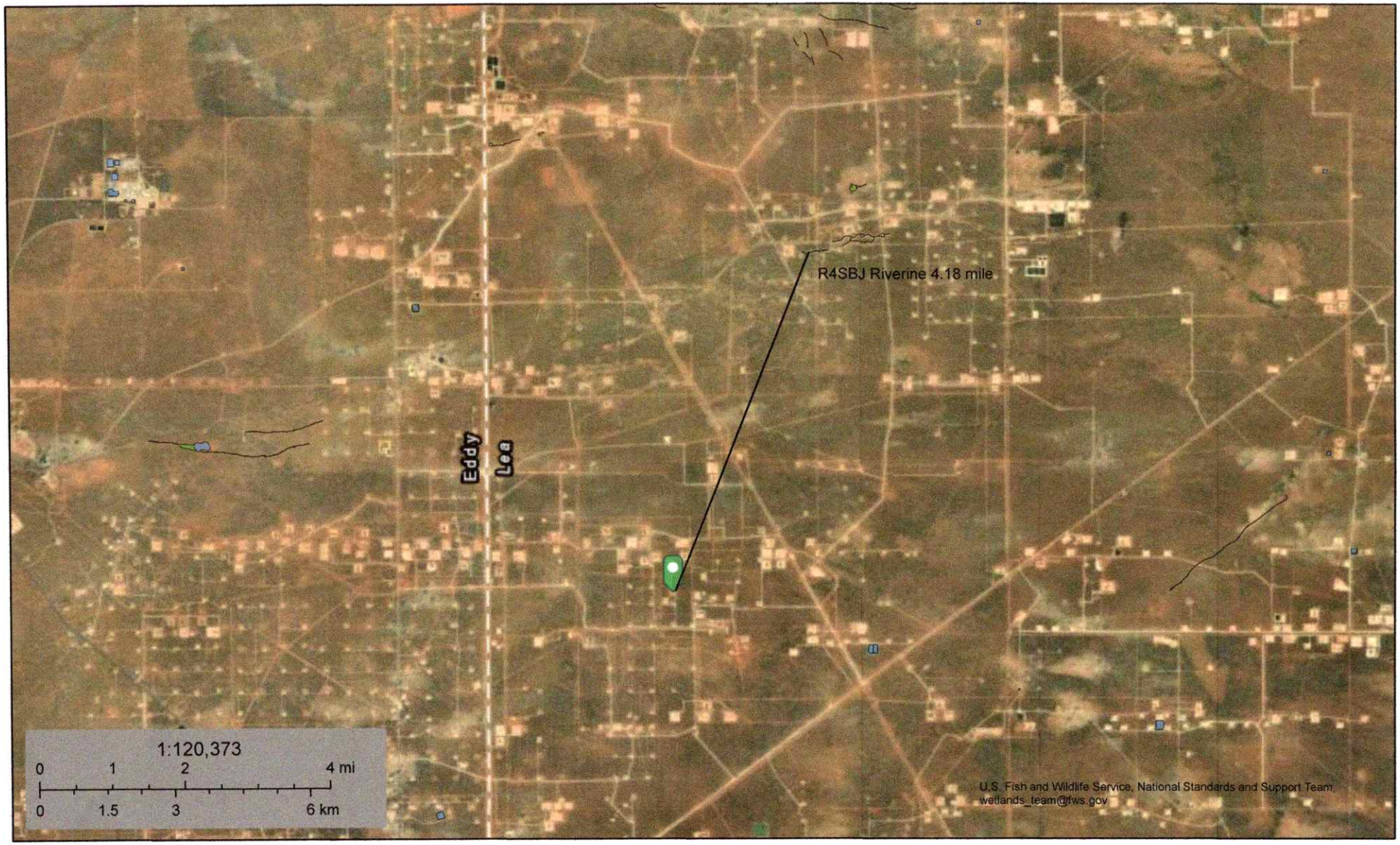
U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Map



April 13, 2026

Wetlands

- Estuarine and Marine Deepwater
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National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

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OSE POD Locations Map

4/12/2026, 8:45:02 PM

GIS WATERS PODs

- Pending
- Plugged
- Recently Edited PODs

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

4.8m Resolution Metadata

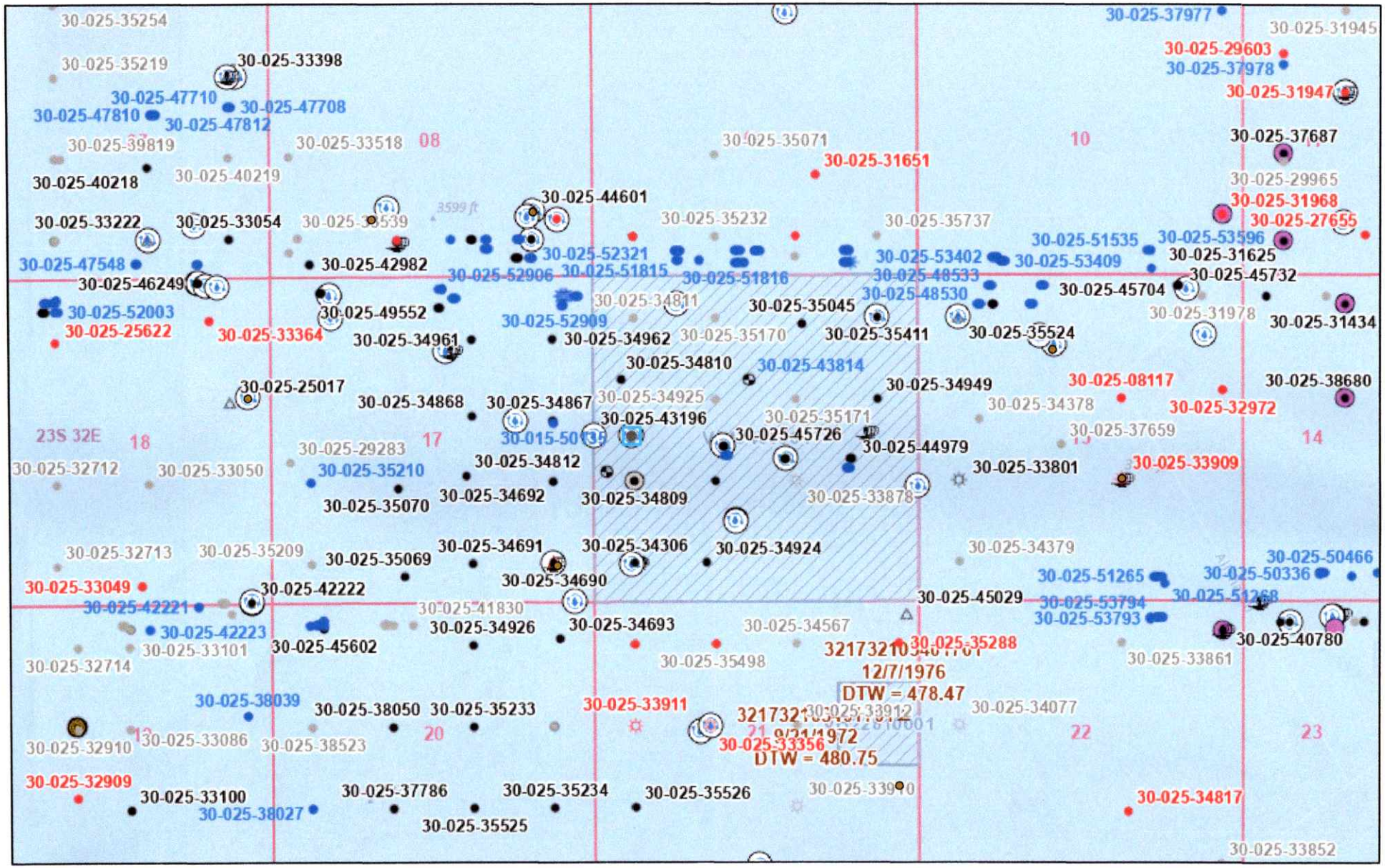
1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Vantor

OCD Well Locations | Karst Map



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0 0.23 0.45 0.9 mi

0 0.35 0.7 1.4 km

OSE Points of Diversion
Wells - Large Scale
Miscellaneous
Gas, Active
Gas, Cancelled
Gas, New
Gas, Plugged
Oil, Active
Oil, Cancelled
Oil, New
Oil, Plugged
Salt Water Injection, Active
Incident Release
Produced Water Release
Oil Release
Fire
Natural Gas Release
Release Other
Other
USGS Historical GW Wells
Karst Occurrence Potential
Low
Oil and Gas Leasing Restrictions
Oil and Gas Leases
PLSS First Division
PLSS Townships

BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75 New Mexico Oil Conservation Division

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National Flood Hazard Layer FIRMette

FEMA

103°41'29"W 32°18'32"N

103°40'52"W 32°18'2"N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone I*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represen an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/21/2026 at 6:24 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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Figure 2. Delineation Soil Sample Location

Devon Energy

Big Cat 16-9 State Fed Com #001H
nAPP2602053608
32.304731, -103.686176

Unit E, Township 23S, Range 32E

Delineation Sample Map

Legend

- 1' Excavation
- 7" Excavation
- Borehole Points (BH-1 through BH-3)
- Horizontal Points (HP-1 through HP-6)
- Pump Jack
- Release Area
- Sample Point (SP-1 through SP-6)

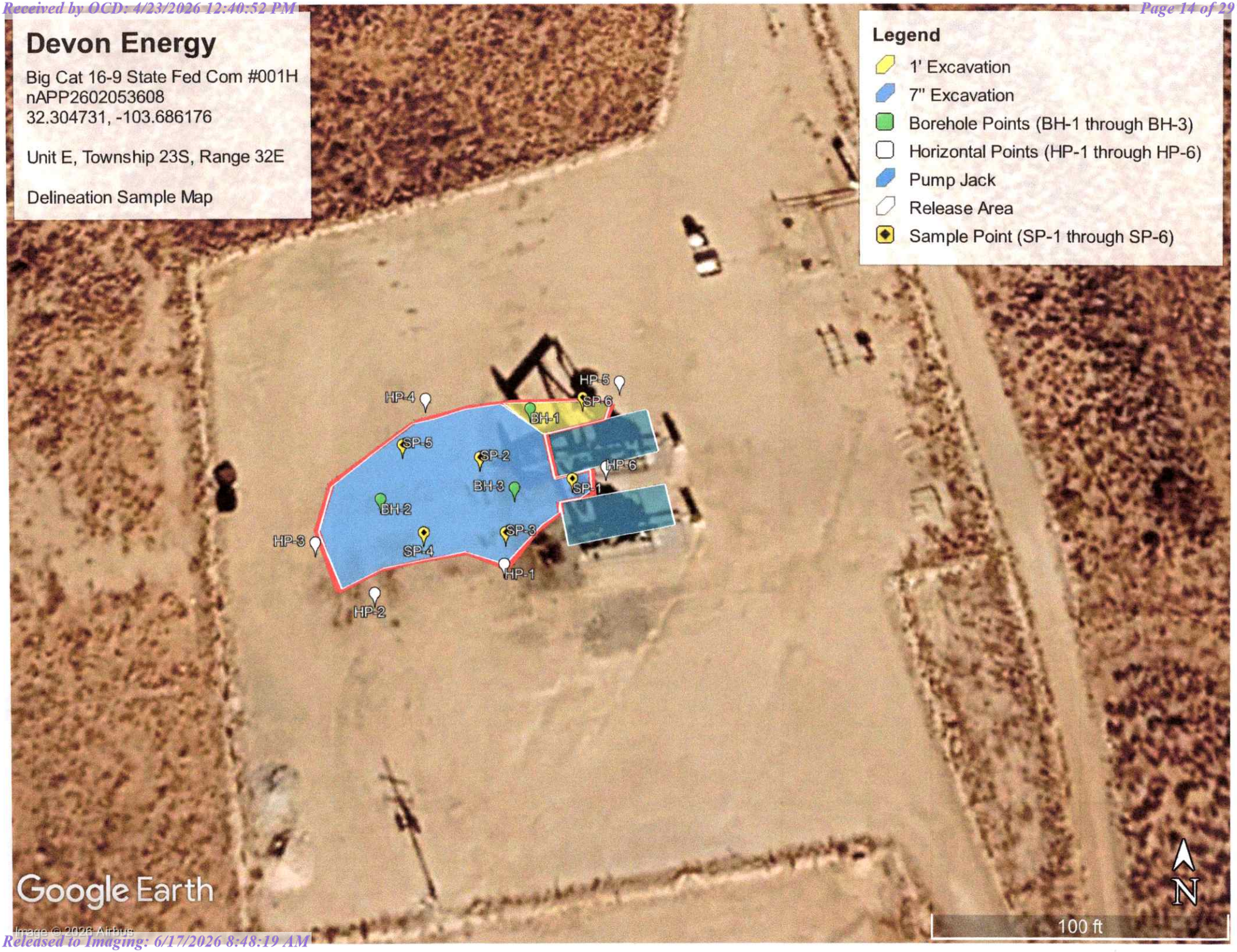

Figure 3. Confirmation Soil Sample Location

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Devon Energy

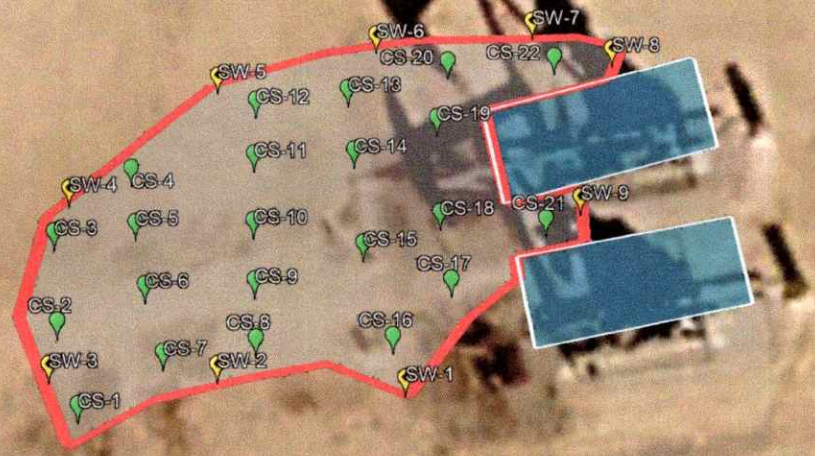
Big Cat 16-9 State Fed Com #001H

nAPP2602053608
32.304731, -103.686176
Unit E, Section 16, Township 23S, Range 32E

Confirmation Sample Map

Legend

- Confirmation Samples (CS-1 through CS-22)
- Pump Jack
- Release Area
- Side Wall Samples (SW-1 through SW-9)



Google Earth

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100 ft

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Table 1. Soil Sample Analytical Results Summary (Delineation Soil Samples)

Table 1
Soil Sample Analytical Results
Big Cat 16-9 State Fed Com #001H
Devon Energy Production Company, LP
nAPP2602918106
Lea County, New Mexico

Sample Designation	Date	Depth (feet BGS)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Sample Results Summary										
HP-1	2/4/2026	0-0.5	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	425
	2/4/2026	1	<0.00201	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	335
HP-2	2/4/2026	0-0.5	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	27.7
	2/4/2026	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<9.92
HP-3	2/4/2026	0-0.5	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	54.8
	2/4/2026	1	<0.00200	<0.00399	<49.6	<49.6	<49.6	<49.6	<49.6	267
HP-4	2/4/2026	0-0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	213
	2/4/2026	1	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	122
HP-5	2/4/2026	0-0.5	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	100
	2/4/2026	1	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	29.1
HP-6	2/4/2026	0-0.5	<0.00200	<0.00400	<49.6	<49.6	<49.6	<49.6	<49.6	70.6
	2/4/2026	1	<0.00198	<0.00396	<50.2	<50.2	<50.2	<50.2	<50.2	50.1
BH-1	2/4/2026	0-0.5	0.00203	0.668	143	**1800**	**201**	**1943**	2140	253
	2/4/2026	1	<0.00201	0.0134	<49.6	<49.6	<49.6	<49.6	<49.6	244
	2/4/2026	2	<0.00202	<0.00404	<50.4	<50.4	<50.4	<50.4	<50.4	92.2
	2/4/2026	3	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	42.2
BH-2	2/5/2026	0-0.5	<0.00200	<0.00401	<49.6	<49.6	<49.6	<49.6	<49.6	2340
	2/5/2026	1	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	906
	2/5/2026	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	792
	2/5/2026	3	<0.00198	<0.00396	<50.4	<50.4	<50.4	<50.4	<50.4	4240
	2/5/2026	4	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	1010
	2/5/2026	5	<0.00201	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	91.6
	2/5/2026	6	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	292
BH-3	2/5/2026	0-0.5	<0.00199	<0.00398	<50.5	780	68.2	780	848	590
	2/5/2026	1	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	987
	2/5/2026	2	<0.00200	<0.00399	<50.3	<50.3	<50.3	<50.3	<50.3	104
	2/5/2026	3	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	75.4
SP-1	2/6/2026	0-0.5	<0.00200	<0.00401	<49.7	54	<49.7	54	54	1790
	2/6/2026	2	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	2180
	2/6/2026	3	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	821

Table 1
Soil Sample Analytical Results
Big Cat 16-9 State Fed Com #001H
Devon Energy Production Company, LP
nAPP2602918106
Lea County, New Mexico

Sample Designation	Date	Depth (feet BGS)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Sample Results Summary										
SP-2	2/6/2026	0-0.5	<0.00200	<0.00399	<49.6	65.5	<49.6	65.5	65.5	60.8
	2/6/2026	2	<0.00201	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	160
	2/6/2026	**3**	**<0.00202**	**<0.00404**	**<49.9**	**<49.9**	**<49.9**	**<49.9**	**<49.9**	**204**
SP-3	2/6/2026	0-0.5	<0.00200	<0.00399	<49.6	<49.6	<49.6	<49.6	<49.6	1010
	2/6/2026	2	<0.00201	<0.00402	<50.4	<50.4	<50.4	<50.4	<50.4	1830
	2/6/2026	**3**	**<0.00200**	**<0.00401**	**<49.8**	**<49.8**	**<49.8**	**<49.8**	**<49.8**	**1880**
SP-4	2/6/2026	0-0.5	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	863
	2/6/2026	2	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	96.9
	2/6/2026	**3**	**<0.00201**	**<0.00402**	**<49.8**	**<49.8**	**<49.8**	**<49.8**	**<49.8**	**71.4**
SP-5	2/6/2026	0-0.5	<0.00202	<0.00403	<50.4	<50.4	<50.4	<50.4	<50.4	1830
	2/6/2026	2	<0.00200	<0.00400	<49.7	<49.7	<49.7	<49.7	<49.7	52.7
	2/6/2026	**3**	**<0.00201**	**<0.00402**	**<49.9**	**<49.9**	**<49.9**	**<49.9**	**<49.9**	**23**
SP-6	2/6/2026	0-0.5	0.00848	7.5	226	1920	115	**2146**	2260	874
	2/6/2026	2	<0.00199	1.3	<50.2	<50.2	<50.2	<50.2	<50.2	36.9
	2/6/2026	**3**	**<0.00198**	**0.00637**	**<49.9**	**<49.9**	**<49.9**	**<49.9**	**<49.9**	**32.1**

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
Grey text represents samples that have been excavated
"<": Laboratory Analytical result is less than reporting limit
NE: Not Established
Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg

Table 2. Soil Sample Analytical Results Summary (Confirmation Soil Samples)

Table 2
Soil Sample Analytical Results
Big Cat 16-9 State Fed Com #001H
Devon Energy Production Company, LP
nAPP2602918106
Lea County, New Mexico

Sample Designation	Date	Depth (feet BGS)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Confirmation Sample Results Summary										
CS - 1 - 7"	3/27/2026	7"	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	2190
CS - 2 - 7"	3/27/2026	7"	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	512
CS - 3 - 7"	3/27/2026	7"	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	499
CS - 4 - 7"	3/27/2026	7"	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	245
CS - 5 - 7"	3/27/2026	7"	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	496
CS - 6 - 7"	3/27/2026	7"	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	2730
CS - 7 - 7"	3/27/2026	7"	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	285
CS - 8 - 7"	3/27/2026	7"	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	1780
CS - 9 - 7"	3/27/2026	7"	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	2180
CS - 10 - 7"	3/27/2026	7"	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	497
CS - 11 - 7"	3/27/2026	7"	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	1750
CS - 12 - 7"	3/27/2026	7"	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	1770
CS - 13 - 7"	3/27/2026	7"	<0.00200	<0.00399	<50.5	<50.5	<50.5	<50.5	<50.5	297
CS - 14 - 7"	3/27/2026	7"	<0.00201	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	1830
CS - 15 - 7"	3/27/2026	7"	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	1880
CS - 16 - 7"	3/27/2026	7"	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	277
CS - 17 - 7"	3/27/2026	7"	<0.00201	<0.00402	<50.2	<50.2	<50.2	<50.2	<50.2	1850
CS - 18 - 7"	3/27/2026	7"	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	<50.1	1470
CS - 19 - 7"	3/27/2026	7"	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	2000
CS - 20 - 7"	3/27/2026	7"	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	249
CS - 21 - 7"	3/27/2026	7"	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	260
CS - 22 - 1'	3/27/2026	1'	<0.00201	0.0230	<50.0	<50.0	<50.0	<50.0	<50.0	241
SW - 1	3/27/2026	0-7"	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	1240
SW - 2	3/27/2026	0-7"	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	1260
SW - 3	3/27/2026	0-7"	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	<50.1	1130
SW - 4	3/27/2026	0-7"	<0.00200	<0.00399	<50.2	<50.2	<50.2	<50.2	<50.2	1200
SW - 5	3/27/2026	0-7"	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	1950
SW - 6	3/27/2026	0-7"	<0.00202	<0.00404	<50.0	65.9	<50.0	65.9	65.9	1770
SW - 7	3/27/2026	0-7"	<0.00199	<0.00398	<50.0	78.2	<50.0	78.2	78.2	1890
SW - 8	3/27/2026	0-7"	<0.00200	<0.00400	<49.9	62.1	<49.9	62.1	62.1	1830

Table 2
Soil Sample Analytical Results
Big Cat 16-9 State Fed Com #001H
Devon Energy Production Company, LP
nAPP2602918106
Lea County, New Mexico

Sample Designation	Date	Depth (feet BGS)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Confirmation Sample Results Summary										
SW - 9	3/27/2026	0-7"	<0.00198	<0.00396	<50.0	69.8	<50.0	69.8	69.8	1770
Backfill	3/27/2026	0	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	168

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
Grey text represents samples that have been excavated
"<": Laboratory Analytical result is less than reporting limit
NE: Not Established
Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
* Indicates sample was collected in area to be reclaimed after remediation is complete;
reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg

Appendix A. Well Log and Record

Water Right Summary

get image list

WR File Number:	C 05058	**Subbasin:**	CUB	**Cross Reference:**
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:		**Subfile:**		**Header:**
Total Diversion:	0.000	**Cause/Case:**		
Owner:	ENSOLUM, LLC	**Owner Class:**	Agent	
Contact:	ASHLEY URZEDO			
Owner:	DEVON ENERGY PRODUCTION, LP	**Owner Class:**	Owner	
Contact:	JIM RALEY			

Documents on File

(acre-feet pe

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	C
	796883	EXPL	2026-03-05	PMT	APR	C-05058 POD1	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 05058 POD1	NA		SE	SE	NW	16	23S	32E	624195.4	3574968.5		BH01

* UTM location was derived from PLSS - see Help

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

4/13/26 8:10 AM MST

Water Rights Summary

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 05058 POD1	SE	SE	NW	16	23S	32E	624195.4	3574968.5	

* UTM location was derived from PLSS - see Help

Driller License:	1862	**Driller Company:**	H&R ENTERPRISES, LLC		
Driller Name:	JAMES HAWLEY				
Drill Start Date:	2026-03-25	**Drill Finish Date:**	2026-03-25	**Plug Date:**	2026-03-30
Log File Date:	2026-04-06	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	60	**Depth Water:**	

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

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Transaction Summary

EXPL Permit To Explore

Transaction Number: 796883 **Transaction Desc:** C-05058 POD1 **File Date:** 2026-02-09

Primary Status: PMT Permit

Secondary Status: APR Approved

Person Assigned: *******

Agent: ENSOLUM, LLC

Contact: ASHLEY URZEDO

Applicant: DEVON ENERGY PRODUCTION, LP

Contact: JIM RALEY

Events

Event Images	Date	Type	Description	Comment	Processed By
	2026-02-09	APP	Application Received	*	*******
	2026-02-09	TEC	Technical Report	*PLG PLN OPS C-5058 POD1	*******
	2026-03-05	FTN	Finalize non-published Trans.	POD1	*******
	2026-04-06	LGI	Well Log Image	*PLG RECORD POD1	*******
	2026-04-06	LOG	Well Log Received	*POD1	*******
	2026-04-09	DRY	Dry well log received		*******

Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 05058	0.000	0.000		MON MONITORING WELL

Point of Diversion

POD Nbr	Easting	Northing	Map	Grant
C 05058 POD1	624195.4	3574968.5		

* UTM location was derived from PLSS - see Help

Conditions:

1A Depth of the well shall not exceed the thickness of the valley fill.

4 No water shall be appropriated and beneficially used under this permit.

B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casingshall not exceed two and three-eighths (2 3/8) inches outside diameter.

C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternativeplugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. Toplug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable

7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller.This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Q The State Engineer retains jurisdiction over this permit.

R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, includingaccess to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A

Action Date: 2026-03-05

Short Condition: ALL WELLS SHALL BE CONSTRUCTED TO PREVENT CONTAMINANTS FROM ENTERING THE HOLE FROM LAND SURFACE BY SEALING THE ANNULAR SPACE AROUND THE OUTERMOST CASING.

Log Due Date: 2027-03-05

State Engineer: Elizabeth K. Anderson, P.E.

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

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WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☑ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: See attachment C-4712-POD1 to POD 6

Name of well owner: Harvard Petroleum Company, LLC

Mailing address: P.O. Box 936, 200 E. 2nd St. County: Chaves

City: Roswell State: NM Zip code: 88202

Phone number: 575-208-7135 E-mail: JHarvard@hpcnm.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Vision Resources , Jason Mayley

New Mexico Well Driller License No.: 1833 Expiration Date: 10/07/2023

IV. WELL INFORMATION: ☑ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: _____deg, _____ min, _____ sec
Longitude: _____deg, _____min, _____sec, NAD 83

2) Reason(s) for plugging well(s):

No water found

3) Was well used for any type of monitoring program? no If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? no If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: no water feet below land surface / feet above land surface (circle one)

6) Depth of the well: 55 feet

7) Inside diameter of innermost casing: 2 inches.

8) Casing material: PVC

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

☒ a well screen or perforated pipe, state the screened interval(s): 50-55 Feet

10) What annular interval surrounding the artesian casing of this well is cement-grouted? None

11) Was the well built with surface casing? no If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? Yes If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Temporary PVC casing will be removed and approximately 4.7 Cubic feet bentonite chips will be placed in well.

2) Will well head be cut-off below land surface after plugging? no well head will be installed.

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: _____

4) Type of Cement proposed: _____

5) Proposed cement grout mix: _____gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____batch-mixed and delivered to the site

_____ mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

1)SDE 31 project well
32.262805, -103.716221
2)Tomcat 17 project well
32.298999, -103.690065
3)Todd 24 B Fed 2 project well location
32.295307, -103.729212
4)Todd 14 N Fed 14 project well
32.299485, -103.751621
5)NPG 9 Fed 1 well location
32.312783, -103.784817
6)NPG 8 Fed 6 and 11 well location
32.317121, -103.798598

VIII. SIGNATURE:

I, Jeff Harvard, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Signature of Applicant — Date: 2-7-2023

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

X Approved subject to the attached conditions.
____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 21st day of February, 2023

Mike A. Hamman P.E., New Mexico State Engineer

By: K. Parekh
KASHYAP PAREKH
W.R.M. I

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	55 feet		Zero feet below grade.
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

NEW MEXICO OFFICE OF THE STATE ENGINEER

ATTACHMENT to WD-08 Plan of Plugging
MULTIPLE MONITORING WELL DESCRIPTIONS

This Attachment is to be completed if more than one (1) monitoring well is to be plugged using the same method.

Location (Required):

☐ NM State Plane (NAD83) (Feet) ☐ NM West Zone ☐ NM Central Zone ☐ NM East Zone	■ UTM (NAD83) (Meters) ☐ Zone 13N ☐ Zone 12N	■ Lat/Long (WGS84) (1/10th of second)	OTHER (allowable only for move-from descriptions - see application form for format) ☐ PLSS (quarters, section, township, range) ☐ Hydrographic Survey, Map & Tract ☐ Lot, Block & Subdivision ☐ Grant

OSE POD Number:	Other Well ID:	X or Longitude (ddmmss):	Y or Latitude (ddmmss):	Other Location Info (PLSS):	Casing ID- (inches):	Depth to Water- (ft bgs):	Total well Depth- (ft bgs):	Grout Volume:	Surface Casing (Y or N):
	SDE	32.262805	-103.716221			NA	55		N
	Tomcat 17	32.298999	-103.690065			NA	55		N
	Todd 24	32.295307	-103.729212			NA	55		N
	Todd 14	32.299485	-103.751621			NA	55		N
	NPG 9	32.312783	-103.784817			NA	55		N
	NPG 8	32.317121	-103.798598			NA	55		N

FOR OSE INTERNAL USE Multiple Montioring POD Descriptions, Form wr-08m (Rev 7/31/19)

File Number: C-04712	Trn Number: 743189
Trans Description (optional):	

OSE DIT FEB 3 2023 PM4:15

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified a well, listed below, to be plugged. Vision Resources (WD-1833) will perform the plugging.

Permittee: Harvard Petroleum Company, LLC
NMOSE Permit Number: C-4712-POD1 to POD6

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-4712-POD1	2.0	55.0	Unknown	32.262805°	103.716221°
C-4712-POD2	2.0	55.0	Unknown	32.298999°	103.690065°
C-4712-POD3	2.0	55.0	Unknown	32.295307°	103.729212°
C-4712-POD4	2.0	55.0	Unknown	32.299485°	103.751621°
C-4712-POD5	2.0	55.0	Unknown	32.312783°	103.784817°
C-4712-POD6	2.0	55.0	Unknown	32.317121°	103.798598°

Specific Plugging Conditions of Approval for Well located in Eddy County.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.

2. Theoretical volume of sealant required for abandonment of the 2.0 inch diameter (I.D.) casing is approximately 9.0 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 55.0 feet below ground surface (b.g.s.).

3. Bentonite chips (Baroid Quick Grout/Baroid Hole Plug) is the approved sealant. When bentonite chips are added above static water level, a minimum of 5-gallons of fresh water shall be added to the borehole per 50-lb of bentonite chips.

4. Placement of the sealant within the wells shall be by tremie pipe extending to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column. The tremie shall be incrementally

removed to retain the tremie bottom a limited distance above the top of the rising column of chips throughout the plugging process.

5. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.

6. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.

7. NMOSE witnessing of the plugging of the non-artesian well will not be required.

8. Any deviation from this plan must obtain an approved variance from this office prior to implementation.

9. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 21st day of February 2023

Mike A. Hamman, P.E. State Engineer

By: K. Parekh

Kashyap Parekh
Water Resources Manager I

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

February 21, 2023

Harvard Petroleum Company, LLC
P.O. Box 936
Roswell, NM 88202

RE: Well Plugging Plan of Operations for **C-4712-POD1 to POD6**

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer, subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

K. Parekh

Kashyap Parekh
Water Resources Manager I

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): ~~C-4712~~ POD2	WELL TAG ID NO.	OSE FILE NO(S.): C-4712
WELL OWNER NAME(S): Harvard Petroleum Company		PHONE (OPTIONAL)
WELL OWNER MAILING ADDRESS: P.O. Box 936	CITY: Roswell	STATE: NM ZIP: 88202

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	17	56.4	N
LONGITUDE	-103	41	24.2	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
3-9-2023	3-9-2023	55	55	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): Dry

DATE STATIC MEASURED: Dry

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			None				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(If using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

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

FILE NO. C-4712-POD2	POD NO. 2	TRN NO. 743189	
LOCATION NMW 23.32.17.444		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	35	35	White Caliche	Y (N)	
35	55	55	Red Fine Sand Dry	Y (N)	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): Dry

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

hole would not stay open past 35'
Plugged no water

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

RECEIVED APR 4 2023 PM 1:23

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — 3/24/23

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD 2	POD NO. 2	TRN NO. 743189	
LOCATION Mon 23.32.17.444		WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189
File Nbr: C 04712
Well File Nbr: C 04712 POD2

Apr. 04, 2023

VERTEX RESOURCES
P.O. BOX 936
ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

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

Sincerely,

Maret Thompson
(575)622-6521

drywell

File No. C-04712 POD1-6

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☒ Other(Describe): Groundwater Determination
☐ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

■ Temporary Request - Requested Start Date: 12-27-2022	Requested End Date: 1-20-2023
Plugging Plan of Operations Submitted? ☐ Yes ■ No	

1. APPLICANT(S)

Name: Harvard Petroleum Company, LLC	Name: Vertex Resources
Contact or Agent: check here if Agent ☐ Justin Warren	Contact or Agent: check here if Agent ☐
Mailing Address: P.O. Box 936	Mailing Address:
City: Roswell	City:
State: New Mexico Zip Code: 88202	State: Zip Code:
Phone: 575-208-7135 ☐ Home ☐ Cell Phone (Work):	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): jwarren@hpcm.com	E-mail (optional):

OSE DII DEC 14 2022 PM 2:05

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-04712	Trn. No.: 743189	Receipt No.: 2-45306
Trans Description (optional):		
Sub-Basin: CUB	PCW/LOG Due Date: 2/21/24	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

■ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

☐ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-04712 POD1 SDE	32.262805	-103.716221	Sec. 31, 023S, 032E
C-04712 POD2 Tomcat 17	32.298999	-103.690065	Sec. 17, 023S, 032E
C-04712 POD3 Todd 24	32.295307	-103.729212	Sec. 24, 023S, 031E
C-04712 POD4 Todd 14	32.299485	-103.751621	Sec. 14, 023S, 031E
C-04712 POD5 NP09	32.312783	-103.784817	Sec. 09, 023S, 031E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ **Yes** ☐ **No** **If yes, how many**_____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: BLM

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ **Yes** ☐ **No**
If yes, how many_____

Approximate depth of well (feet): 55	Outside diameter of well casing (inches): 2
Driller Name: Jason Maley	Driller License Number: 1833

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Please amend the original application with the new coordinates and dates. There are six total in this amendment. The remaining wells will be addressed in the future.

1)SDE 31 9 project well
32.262805, -103.716221

2)Tomcat 17 project well
32.298999, -103.690065

3)Todd 24 B Fed 2 project well location

FOR OSE INTERNAL USE Application for Permit, Form WR-07 Version 07/12/22

File No.: C-04712	Trn No.: 743189

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: ☐ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Justin Warren
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature OSE DIT DEC 14 2022 PM 2:05

ACTION OF THE STATE ENGINEER

This application is:

☑ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 21st day of February 20 23, for the State Engineer,

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
Signature

Kashyap Parekh
Print

Title: Water Resource Manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-04712 Trn No.: 743189

NEW MEXICO OFFICE OF THE STATE ENGINEER

ATTACHMENT 1
POINT OF DIVERSION DESCRIPTIONS

This Attachment is to be completed if more than one (1) point of diversion is described on an Application or Declaration.

a. Is this a:	**b. Information on Attachment(s):**
☐ Move-From Point of Diversion(s) ☐ Move-To Point of Diversion(s)	Number of points of diversion involved in the application: 6 Total number of pages attached to the application: 2

☐ **Surface Point of Diversion** **OR** ☒ **Well**

Name of ditch, acequia, or spring:	
Stream or water course:	
Tributary of:	

c. Location (Required):
Required: Move to POD location coordinate must be either New Mexico State Plane (NAD 83), UTM (NAD 83), or Lat/Long (WGS84)

NM State Plane (NAD83) (feet)
NM West Zone ☐
NM Central Zone ☐
NM East Zone ☐

UTM (NAD83) (meters)
Zone 13N ☐
Zone 12N ☐

☒ Lat/Long–(WGS84) 1/10th of second

OTHER (allowable only for move-from descriptions - see application form for format)
☐ PLSS (quarters, section, township, range)
☐ Hydrographic Survey, Map & Tract
☐ Lot, Block & Subdivision
☐ Grant

POD Number:	X or Longitude	Y or Latitude	Other Location Description:
C-04712 POD1 SDE	32.262805	-103.716221	Sec. 31, 023S, 032E
POD Number: C-04712 POD2 Tomcat17	32.298999	-103.690065	Sec. 17, 023S, 032E
POD Number: C-04712 POD3 Todd24	32.295307	-103.729212	Sec. 24, 023S, 031E
POD Number: C-04712 POD4 Todd14	32.299485	-103.751621	Sec. 14, 023S, 031E
POD Number: C-04712 POD5 NPB9	32.312783	-103.784817	Sec. 09, 023S, 031E
POD Number: C-04712 POD6 NPB8	32.317121	-103.798598	Sec. 08, 023S, 031E
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:

FOR OSE INTERNAL USE

Form wr-08
POD DESCRIPTIONS - ATTACHMENT 1

File Number: C-04712	Trn Number: 743189
Trans Description (optional):	

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

17-1A Depth of the well shall not exceed the thickness of the valley fill.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04712 POD1-6

File Number: C 04712
Trn Number: 743189

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04712 POD1-6

File Number: C 04712
Trn Number: 743189

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04712 POD1 must be completed and the Well Log filed on or before 02/21/2024.

LOG The Point of Diversion C 04712 POD2 must be completed and the Well Log filed on or before 02/21/2024.

LOG The Point of Diversion C 04712 POD3 must be completed and the Well Log filed on or before 02/21/2024.

LOG The Point of Diversion C 04712 POD4 must be completed and the Well Log filed on or before 02/21/2024.

LOG The Point of Diversion C 04712 POD5 must be completed and the Well Log filed on or before 02/21/2024.

LOG The Point of Diversion C 04712 POD6 must be completed and the Well Log filed on or before 02/21/2024.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 12/14/2022 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 21 day of Feb A.D., 2023

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: C 04712 POD1-6

File Number: C 04712
Trn Number: 743189

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-18848

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: SDE 31 Federal 4
Section 31, T23S-R32E
30-025-32716
Lea County, New Mexico

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Harvard Petroleum Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-18848

February 21, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Tomcat 17 Fed 1
Section 17, T23S-R32E
30-025-34690
Lea County, New Mexico

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Harvard Petroleum Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-0533177A

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Todd 24 B Federal 2
Section 24, T23S-R31E
30-015-27691
Eddy County, New Mexico

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Harvard Petroleum Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-404441

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Todd 14 N Federal 14
Section 14, T23S-R31E
30-01532628
Eddy County, New Mexico

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Harvard Petroleum Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-77046

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: North Pure Gold 9 Fed 1
Section 9, T23S-R31E
30-015-27178
Eddy County, New Mexico

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Harvard Petroleum Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-77046

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: North Pure Gold 8 Fed 6
Section 8, T23S-R31E
30-015-27618
Lea County, New Mexico

To Whom It May Concern:

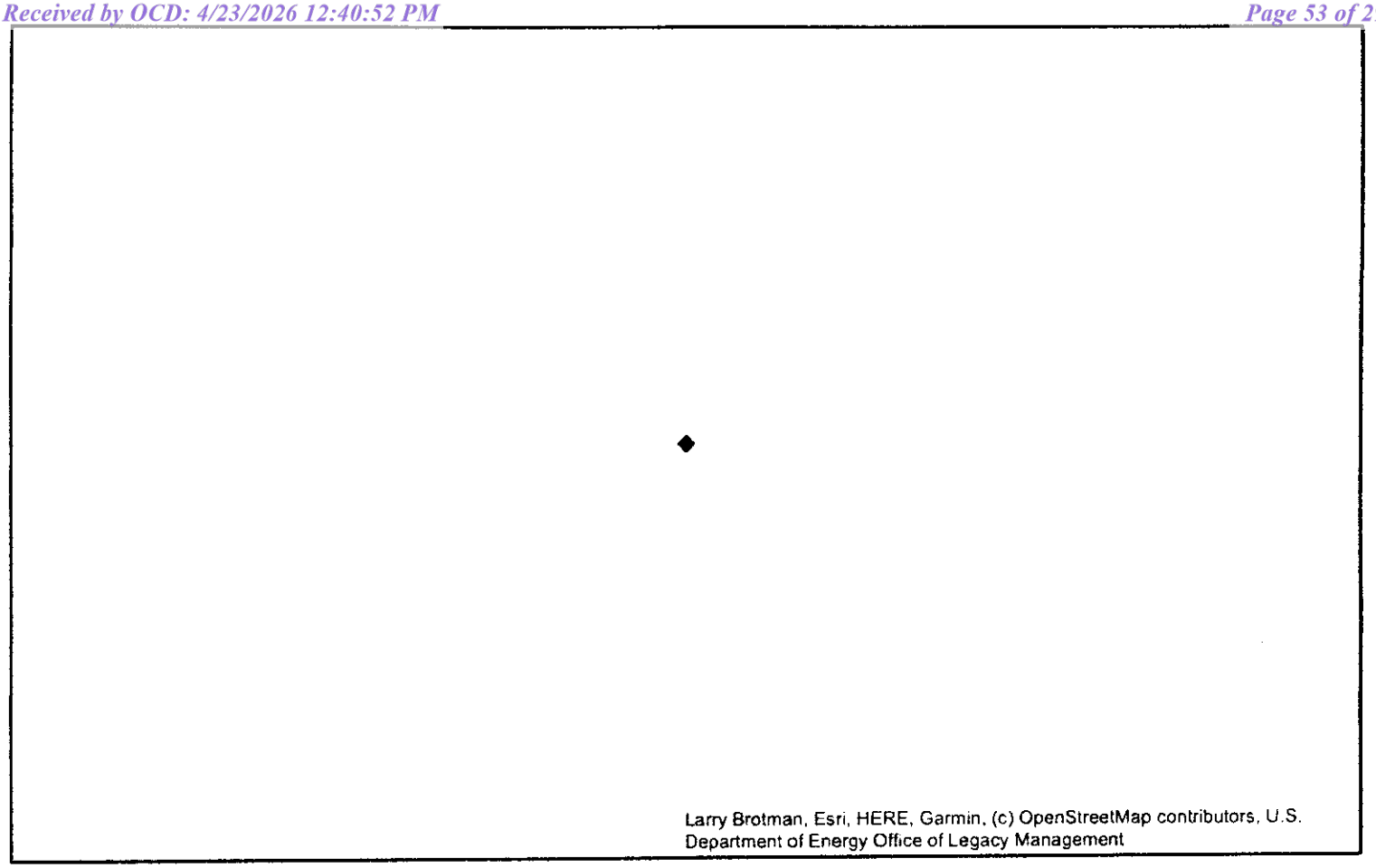
The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Harvard Petroleum Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 620917.895

Northing 3570288.856

State Plane - NAD 83 (f) - Zone E

Easting 732091.745

Northing 459888.024

Degrees Minutes Seconds

Latitude 32 : 15 : 46.098000

Longitude -103 : 42 : 58.395600

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

2/14/2023

Spatial Information

County: Lea

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: Not in Land Grant Carlsbad Underground Basin

Restrictions:

PLSS Description

SENWSENW Qtr of Sec 31 of 023S 032E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum:

Parcel Owner:

Address: null null null

Legal:

POD Information

Owner:

File Number:

POD Status: NoData

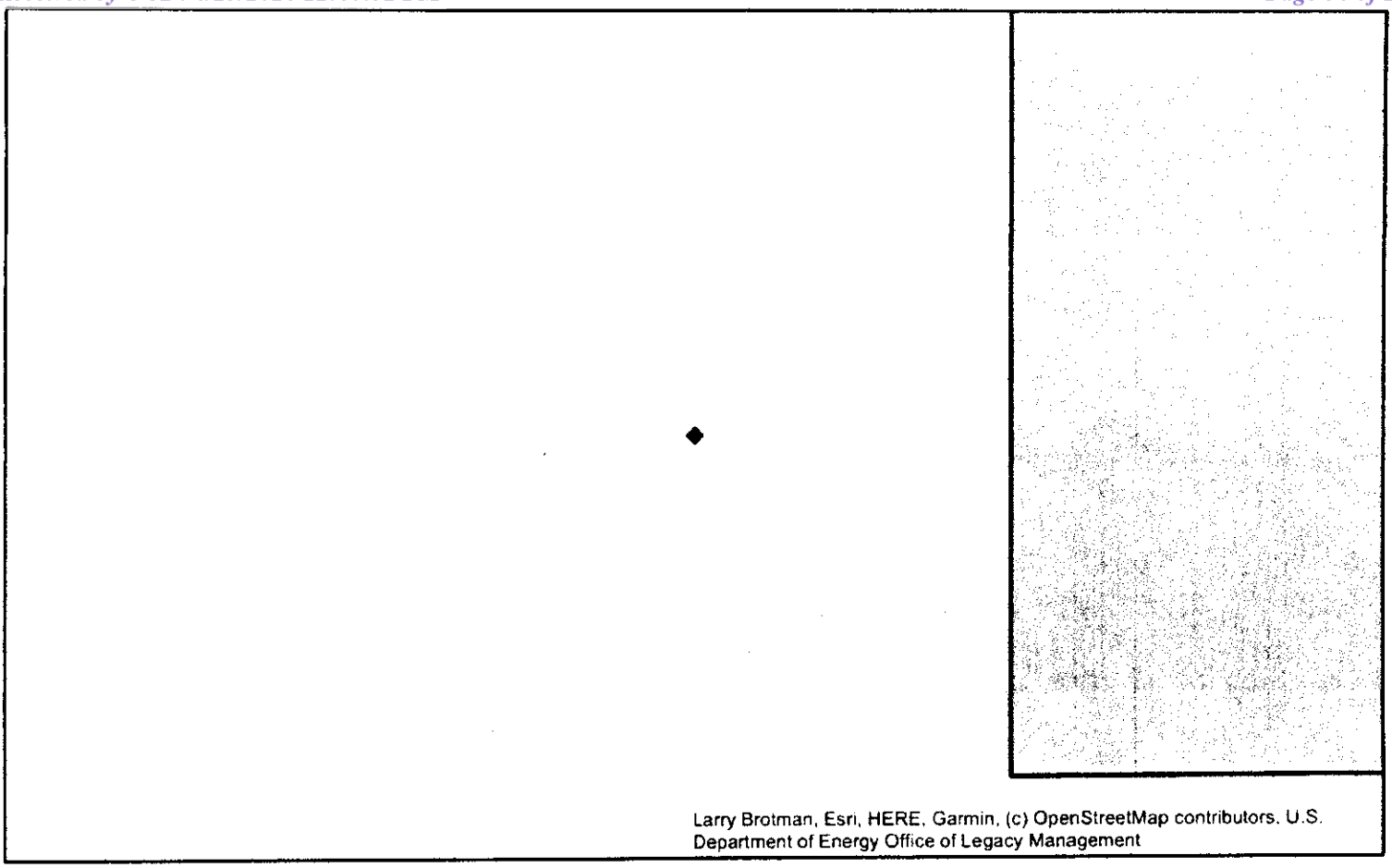
Permit Status: NoData

Permit Use: NoData

Purpose:

- Coord Search Location
- **Water Rights Regulations**
- Closure Area
- OSE District Boundary
- Bernalillo County Parcels 2022
- Catron County Parcels 2022
- Chaves County Parcels 2022
- Cibola County Parcels 2022
- Colfax County Parcels 2022
- Curry County Parcels 2022
- De Baca County Parcels 2022
- Doña Ana County Parcels 2022
- Eddy County Parcels 2022
- Grant County Parcels 2022
- Harding County Parcels 2022
- Hidalgo County Parcels 2022
- Guadalupe County Parcels 2022
- Lea County Parcels 2022
- Lincoln County Parcels 2022
- Los Alamos County Parcels 2022
- Luna County Parcels 2022
- McKinley County Parcels 2022
- Mora County Parcels 2022
- Otero County Parcels 2022
- Quay County Parcels 2022
- Rio Arriba County Parcels 2022
- Roosevelt County Parcels 2022
- Sandoval County Parcels 2022
- San Juan County Parcels 2022
- San Miguel County Parcels 2022
- Santa Fe County Parcels 2022
- Sierra County Parcels 2022
- Socorro County Parcels 2022
- Taos County Parcels 2022
- Torrance County Parcels 2022
- Union County Parcels 2022
- Valencia County Parcels 2022
- SiteBoundaries

POD1 /SDE



Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors. U.S. Department of Energy Office of Legacy Management

Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 623332.667

Northing 3574331.092

State Plane - NAD 83 (f) - Zone E

Easting 740097.836

Northing 473102.659

Degrees Minutes Seconds

Latitude 32 : 17 : 56.396400

Longitude -103 : 41 : 24.234000

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

2/14/2023

Spatial Information

County: Lea

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: [redacted] Carlsbad Underground Basin

Restrictions:

PLSS Description

NWSESESE Qtr of Sec 17 of 023S 032E

Derived from CADNSDI- Qtr Sec locations are calculated and are only approximations

Parcel Information

UPC/DocNum:

Parcel Owner:

Address:null null null

Legal:

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

◆ Coord Search Location

Water Rights Regulations

Closure Area

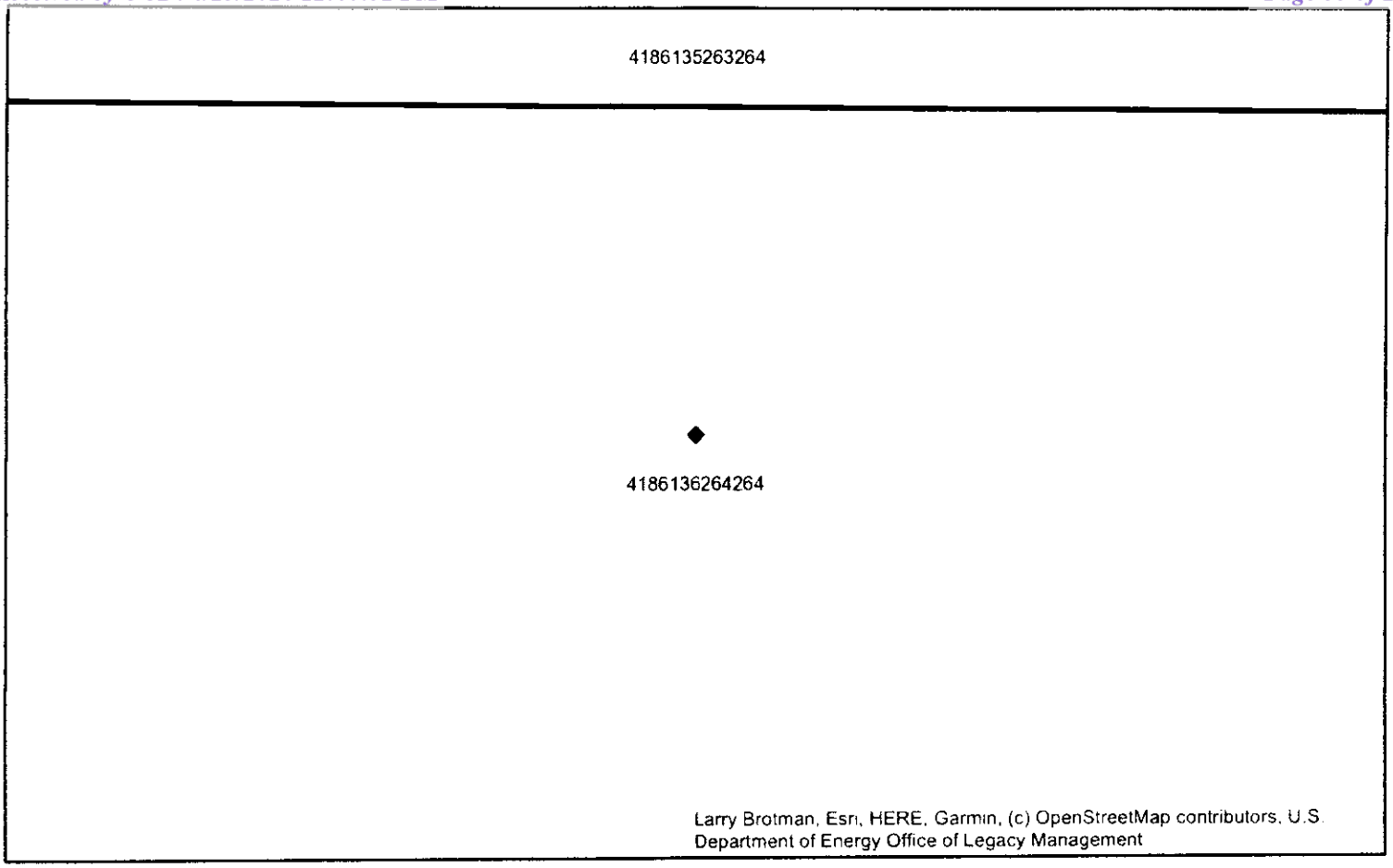
OSE District Boundary

New Mexico State Trust Lands

Both Estates

☐ Bernalillo County Parcels 2022
☐ Catron County Parcels 2022
☐ Chaves County Parcels 2022
☐ Cibola County Parcels 2022
☐ Colfax County Parcels 2022
☐ Curry County Parcels 2022
☐ De Baca County Parcels 2022
☐ Doña Ana County Parcels 2022
☐ Eddy County Parcels 2022
☐ Grant County Parcels 2022
☐ Harding County Parcels 2022
☐ Hidalgo County Parcels 2022
☐ Guadalupe County Parcels 2022
☐ Lea County Parcels 2022
☐ Lincoln County Parcels 2022
☐ Los Alamos County Parcels 2022
☐ Luna County Parcels 2022
☐ McKinley County Parcels 2022
☐ Mora County Parcels 2022
☐ Otero County Parcels 2022
☐ Quay County Parcels 2022
☐ Rio Arriba County Parcels 2022
☐ Roosevelt County Parcels 2022
☐ Sandoval County Parcels 2022
☐ San Juan County Parcels 2022
☐ San Miguel County Parcels 2022
☐ Santa Fe County Parcels 2022
☐ Sierra County Parcels 2022
☐ Socorro County Parcels 2022

POD2/TOMCAT 17



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 619651.522

Northing 3573877.435

State Plane - NAD 83 (f) - Zone E

Easting 728009.538

Northing 471689.173

Degrees Minutes Seconds

Latitude 32 : 17 : 43.105200

Longitude -103 : 43 : 45.163200

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

2/14/2023

Spatial Information

County: Eddy

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: Not in Land Grant Carlsbad Underground Basin

Restrictions:

NA

PLSS Description

NWSENWNE Qtr of Sec 24 of 023S 031E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum: 4186136264264

Parcel Owner: Bureau Of Land

Address: Nw Of 135 Red Road Loving 88256

Legal: Quarter: Ne S: 24 T: 23S R: 31E Quarter: Nw S: 24 T: 23S R: 31E Quarter: Sw S: 24 T: 23S R: 31E Quarter: Se S: 24 T: 23S R: 31E All

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

◆ Coord Search Location

OSE District Boundary

☐ Bernalillo County Parcels 2022

☐ Catron County Parcels 2022

☐ Chaves County Parcels 2022

☐ Cibola County Parcels 2022

☐ Colfax County Parcels 2022

☐ Curry County Parcels 2022

☐ De Baca County Parcels 2022

☐ Dona Ana County Parcels 2022

☐ Eddy County Parcels 2022

☐ Grant County Parcels 2022

☐ Harding County Parcels 2022

☐ Hidalgo County Parcels 2022

☐ Guadalupe County Parcels 2022

☐ Lea County Parcels 2022

☐ Lincoln County Parcels 2022

☐ Los Alamos County Parcels 2022

☐ Luna County Parcels 2022

☐ McKinley County Parcels 2022

☐ Mora County Parcels 2022

☐ Otero County Parcels 2022

☐ Quay County Parcels 2022

☐ Rio Arriba County Parcels 2022

☐ Roosevelt County Parcels 2022

☐ Sandoval County Parcels 2022

☐ San Juan County Parcels 2022

☐ San Miguel County Parcels 2022

☐ Santa Fe County Parcels 2022

☐ Sierra County Parcels 2022

☐ Socorro County Parcels 2022

☐ Taos County Parcels 2022

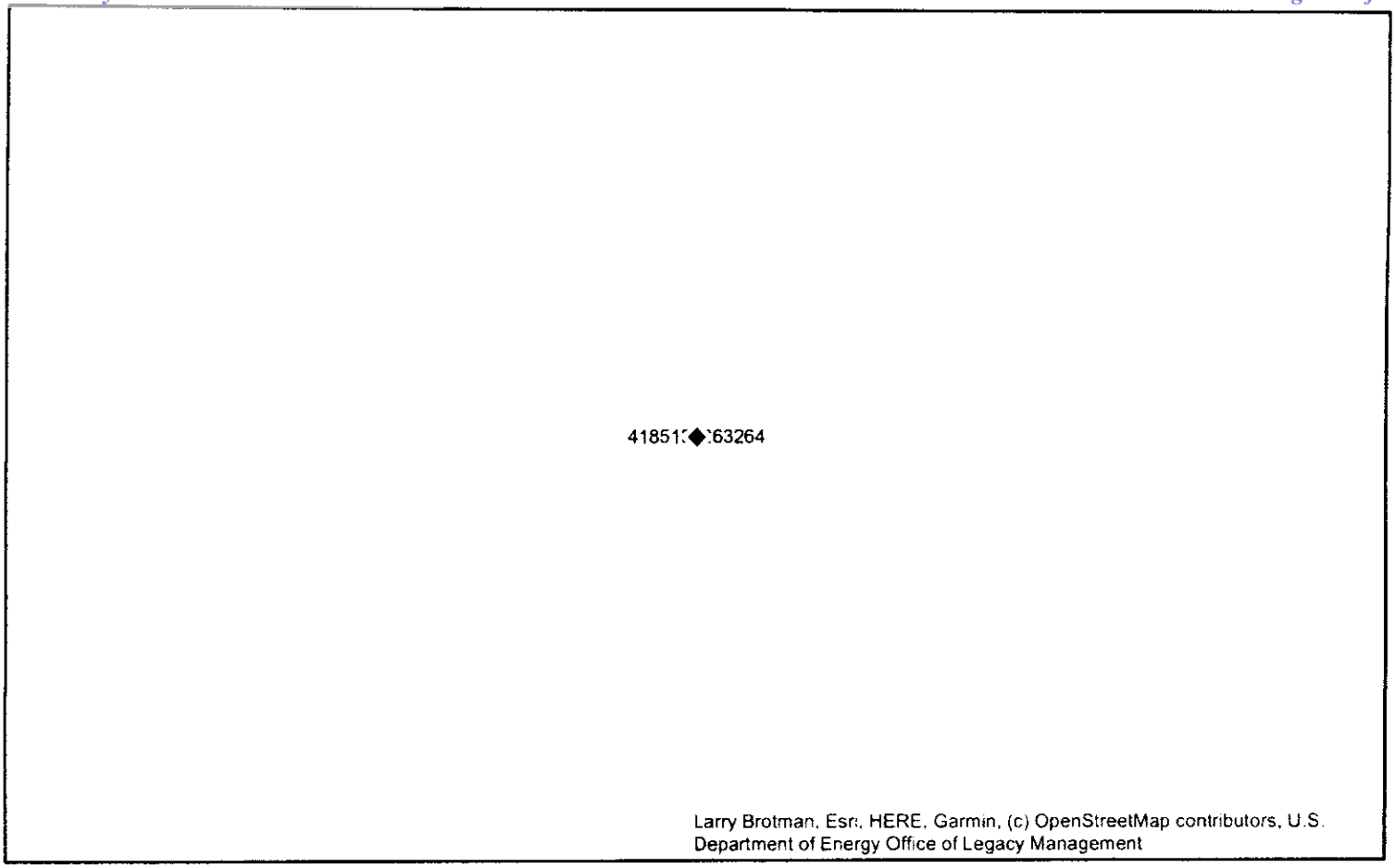
☐ Torrance County Parcels 2022

☐ Union County Parcels 2022

☐ Valencia County Parcels 2022

☐ SiteBoundaries

POD3 / TODD24



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 617536.071

Northing 3574315.816

State Plane - NAD 83 (f) - Zone E

Easting 721076.967

Northing 473170.815

Degrees Minutes Seconds

Latitude 32 : 17 : 58.146000

Longitude -103 : 45 : 5.835600

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

2/14/2023

Spatial Information

County: Eddy

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: No[illegible] Carlsbad Underground Basin

Restrictions:

NA

PLSS Description

SENWSESW Qtr of Sec 14 of 023S 031E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum: 4185135263264

Parcel Owner: Bureau Of Land

Address: N Of 135 Red Road Loving 88256

Legal: Quarter: Ne S: 14 T: 23S R: 31E Quarter: Nw S: 14 T: 23S R: 31E Quarter: Sw S: 14 T: 23S R: 31E Quarter: Se S: 14 T: 23S R: 31E All

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

◆ Coord Search Location

OSE District Boundary

☐ Bernalillo County Parcels 2022

☐ Catron County Parcels 2022

☐ Chaves County Parcels 2022

☐ Cibola County Parcels 2022

☐ Colfax County Parcels 2022

☐ Curry County Parcels 2022

☐ De Baca County Parcels 2022

☐ Doña Ana County Parcels 2022

☐ Eddy County Parcels 2022

☐ Grant County Parcels 2022

☐ Harding County Parcels 2022

☐ Hidalgo County Parcels 2022

☐ Guadalupe County Parcels 2022

☐ Lea County Parcels 2022

☐ Lincoln County Parcels 2022

☐ Los Alamos County Parcels 2022

☐ Luna County Parcels 2022

☐ McKinley County Parcels 2022

☐ Mora County Parcels 2022

☐ Otero County Parcels 2022

☐ Quay County Parcels 2022

☐ Rio Arriba County Parcels 2022

☐ Roosevelt County Parcels 2022

☐ Sandoval County Parcels 2022

☐ San Juan County Parcels 2022

☐ San Miguel County Parcels 2022

☐ Santa Fe County Parcels 2022

☐ Sierra County Parcels 2022

☐ Socorro County Parcels 2022

☐ Taos County Parcels 2022

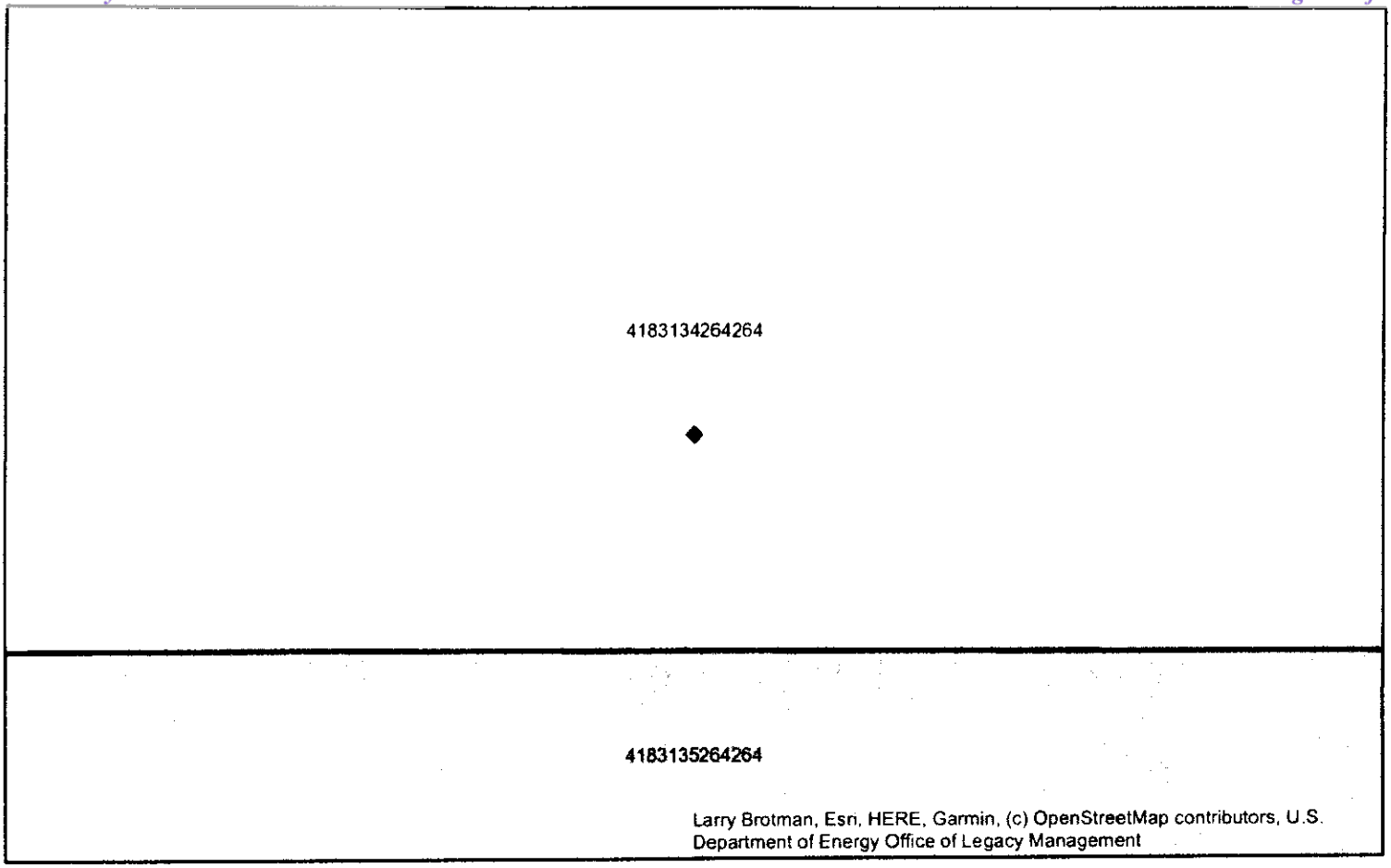
☐ Torrance County Parcels 2022

☐ Union County Parcels 2022

☐ Valencia County Parcels 2022

☐ SiteBoundaries

POD 4/Todd 14



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 614393.741

Northing 3575754.102

State Plane - NAD 83 (f) - Zone E

Easting 710795.225

Northing 477954.473

Degrees Minutes Seconds

Latitude 32 : 18 : 46.018800

Longitude -103 : 47 : 5.341200

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

2/14/2023

Spatial Information

County: Eddy

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: ~~North Land Grant~~ Carlsbad Underground Basin

Restrictions:

NA

PLSS Description

NWSESESW Qtr of Sec 09 of 023S 031E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum: 4183134264264

Parcel Owner: Bureau Of Land

Address: Se Of 98-1 Mills Ranch Road Loving 88256

Legal: Quarter: Ne S: 9 T: 23S R: 31E Quarter: Nw S: 9 T: 23S R: 31E Quarter: Sw S: 9 T: 23S R: 31E Quarter: Se S: 9 T: 23S R: 31E All

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

◆ Coord Search Location

OSE District Boundary

New Mexico State Trust Lands

Both Estates

Bernalillo County Parcels 2022

Catron County Parcels 2022

Chaves County Parcels 2022

Cibola County Parcels 2022

Colfax County Parcels 2022

Curry County Parcels 2022

De Baca County Parcels 2022

Doña Ana County Parcels 2022

Eddy County Parcels 2022

Grant County Parcels 2022

Harding County Parcels 2022

Hidalgo County Parcels 2022

Guadalupe County Parcels 2022

Lea County Parcels 2022

Lincoln County Parcels 2022

Los Alamos County Parcels 2022

Luna County Parcels 2022

McKinley County Parcels 2022

Mora County Parcels 2022

Otero County Parcels 2022

Quay County Parcels 2022

Rio Arriba County Parcels 2022

Roosevelt County Parcels 2022

Sandoval County Parcels 2022

San Juan County Parcels 2022

San Miguel County Parcels 2022

Santa Fe County Parcels 2022

Sierra County Parcels 2022

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Taos County Parcels 2022

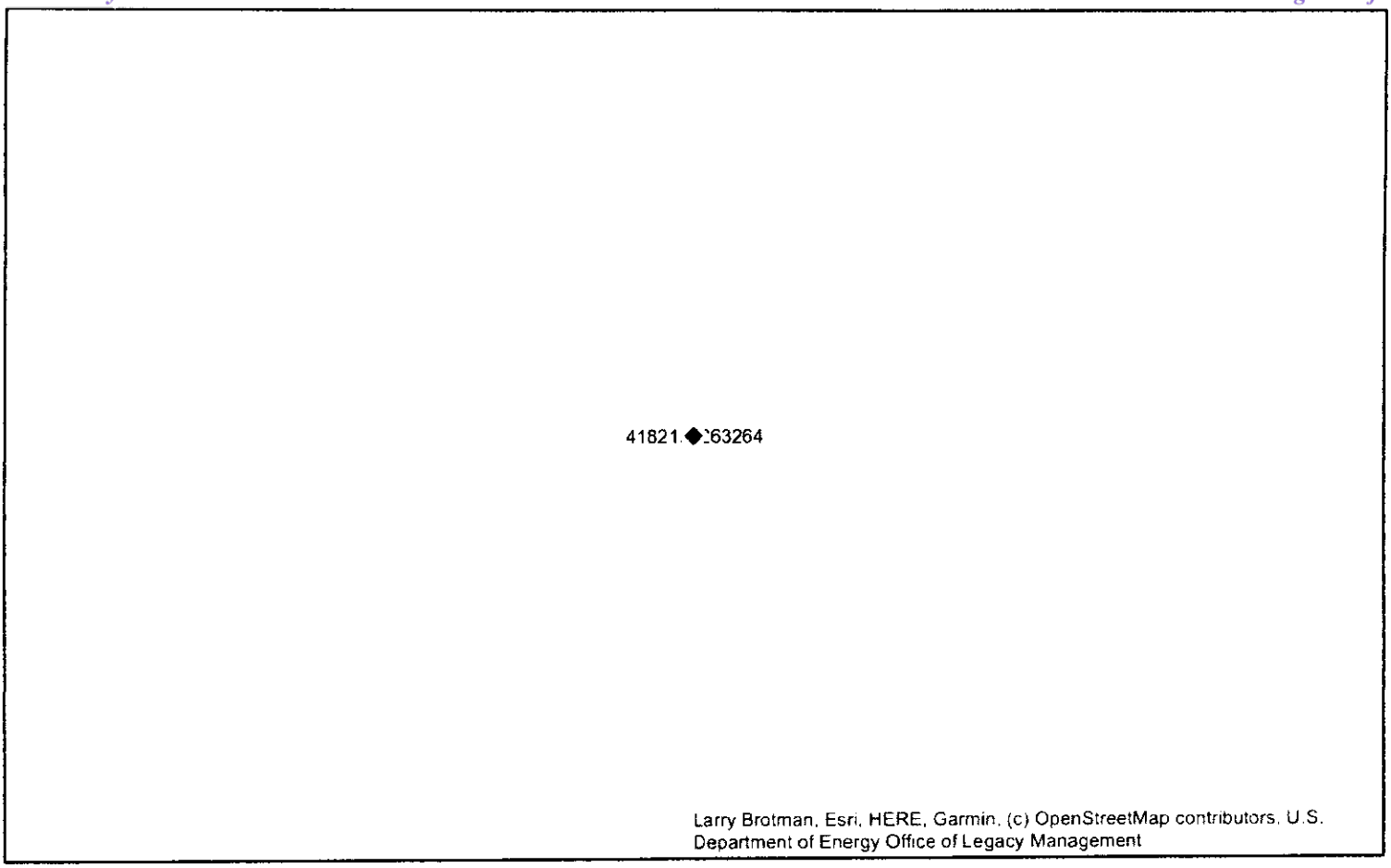
Torrance County Parcels 2022

Union County Parcels 2022

Valencia County Parcels 2022

SiteBoundaries

POD5/NPG9



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 613090.975

Northing 3576220.378

State Plane - NAD 83 (f) - Zone E

Easting 706529.890

Northing 479511.093

Degrees Minutes Seconds

Latitude 32 : 19 : 1.635600

Longitude -103 : 47 : 54.952800

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

2/14/2023

Spatial Information

County: Eddy

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: North Carlsbad Underground Basin

Restrictions:

NA

PLSS Description

NESWNWSE Qtr of Sec 08 of 023S 031E

Derived from CADNSDI- Qtr Sec locations are calculated and are only approximations

Parcel Information

UPC/DocNum: 4182134263264

Parcel Owner: Bureau Of Land

Address: Se Of 98-1 Mills Ranch Road Loving 88256

Legal: Quarter: Ne S: 8 T: 23S R: 31E Quarter: Nw S: 8 T: 23S R: 31E Quarter: Sw S: 8 T: 23S R: 31E Quarter: Se S: 8 T: 23S R: 31E All

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

◆ Coord Search Location

OSE District Boundary

Bernalillo County Parcels 2022

Catron County Parcels 2022

Chaves County Parcels 2022

Cibola County Parcels 2022

Colfax County Parcels 2022

Curry County Parcels 2022

De Baca County Parcels 2022

Doña Ana County Parcels 2022

Eddy County Parcels 2022

Grant County Parcels 2022

Harding County Parcels 2022

Hidalgo County Parcels 2022

Guadalupe County Parcels 2022

Lea County Parcels 2022

Lincoln County Parcels 2022

Los Alamos County Parcels 2022

Luna County Parcels 2022

McKinley County Parcels 2022

Mora County Parcels 2022

Otero County Parcels 2022

Quay County Parcels 2022

Rio Arriba County Parcels 2022

Roosevelt County Parcels 2022

Sandoval County Parcels 2022

San Juan County Parcels 2022

San Miguel County Parcels 2022

Santa Fe County Parcels 2022

Sierra County Parcels 2022

Socorro County Parcels 2022

Taos County Parcels 2022

Torrance County Parcels 2022

Union County Parcels 2022

Valencia County Parcels 2022

SiteBoundaries

POD6/NPG8

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189
File Nbr: C 04712

Feb. 21, 2023

JUSTIN WARREN
HARVARD PETROLEUM COMPANY LLC
P.O. BOX 936
ROSWELL, NM 88202

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Rodolfo Chavez
(575)622-6521

Enclosure

explore

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu. prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☑ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-4703-POD1

Name of well owner: Devon Energy Resources

Mailing address: 64888 Seven Rivers HWY County: EDDY

City: Artesia State: NM Zip code: 88210

Phone number: 405-318-4697 E-mail: Dale.Woodall@DVN.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Vision Resources , Jason Mayley

New Mexico Well Driller License No.: 1833 Expiration Date: 10/07/2023

IV. WELL INFORMATION: ☑ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: _____deg, _____ min, _____sec
Longitude: _____deg, _____min, _____sec, NAD 83

2) Reason(s) for plugging well(s):

No water found

3) Was well used for any type of monitoring program? no If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? no If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: no water feet below land surface / feet above land surface (circle one)

6) Depth of the well: 55 feet

OSE DIT JAN 25 2023 PM2:17

7) Inside diameter of innermost casing: 2 inches.

8) Casing material: PVC

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

■ a well screen or perforated pipe, state the screened interval(s): 50-55 Feet

10) What annular interval surrounding the artesian casing of this well is cement-grouted? None

11) Was the well built with surface casing? no If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? Yes If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Temporary PVC casing will be removed and approximately 4.7 Cubic feet bentonite chips will be placed in well.

2) Will well head be cut-off below land surface after plugging? no well head will be installed.

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: _____

4) Type of Cement proposed: _____

5) Proposed cement grout mix: _____gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____batch-mixed and delivered to the site

_____ mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

VIII. SIGNATURE:

I, _____, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Dale Woodall Digitally signed by Dale Woodall Date: 2023.01.23 13:49:10 -07'00'

Signature of Applicant Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

X Approved subject to the attached conditions.
_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 31st day of January, 2023

Mike A. Hamman P.E., New Mexico State Engineer

By: K Parekh
KASHYAP PAREKH
W.R.M. I

GREAT SEAL OF THE STATE OF NEW MEXICO 1912

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	55 feet		Zero feet below grade.
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified a well, listed below, to be plugged. Vision Resources (David Maley) (WD-1833) will perform the plugging.

Permittee: Devon Energy Resources
NMOSE Permit Number: C-4703

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-4703	2.0	55.0	Dry	32.3147°	103.69128°

Specific Plugging Conditions of Approval for Well located in Lea County.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.

2. Theoretical volume of sealant required for abandonment of the 2.0 inch diameter (I.D.) casing is approximately 9.0 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 55.0 feet below ground surface (b.g.s.).

3. Bentonite chips (Baroid Quick Grout/Baroid Hole Plug) is the approved sealant. When bentonite chips are added above static water level, a minimum of 5-gallons of fresh water shall be added to the borehole per 50-lb of bentonite chips.

4. Placement of the sealant within the wells shall be by tremie pipe extending to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column. The tremie shall be incrementally removed to retain the tremie bottom a limited distance above the top of the rising column of chips throughout the plugging process.

5. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental

concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.

6. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.

7. NMOSE witnessing of the plugging of the non-artesian well will not be required.

8. Any deviation from this plan must obtain an approved variance from this office prior to implementation.

9. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 31st day of January 2023

Mike A. Hamman, P.E. State Engineer

By: K.Parekh

Kashyap Parekh
Water Resources Manager I

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

January 31, 2023

Devon Energy Resources
6488 Seven Rivers Hwy
Artesia, NM 88210

RE: Well Plugging Plan of Operations for **C-4703-POD1**

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer, subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

K. Parekh

Kashyap Parekh
Water Resources Manager I

File No. C-04703 POD1

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☒ Other(Describe): Groundwater Determination
☐ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: 12/27/2022 Requested End Date: 01/20/2023

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: Devon Energy Production Company	Name:
Contact or Agent: Dale Woodall check here if Agent ☐	Contact or Agent: check here if Agent ☐
Mailing Address: 333 W Sheridan Ave	Mailing Address:
City: Oklahoma City	City:
State: OK Zip Code: 73102	State: Zip Code:
Phone: (405) 552-4660 ☐ Home ☐ Cell Phone (Work):	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): dale.woodall@dvn.com	E-mail (optional):

OSE DII DEC 14 2022 PM2:03

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-04703	Trn. No.: 741900	Receipt No.: 2-45304
Trans Description (optional):		
Sub-Basin: CUB	PCW/LOG Due Date: 2/3/24	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range)* OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-04703 POD1	-103.6912877	32.314716	SE 1/4, SE 1/4, SECTION 8, T23S, R32E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ■ No **If yes, how many**_____

Other description relating well to common landmarks, streets, or other:
STRAY CAT 8 5 FED COM #214H

Well is on land owned by: BLM

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ■ No
If yes, how many_____

Approximate depth of well (feet): 55	Outside diameter of well casing (inches): 2
Driller Name: Vision Resources, Jason Maley	Driller License Number: 1833

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

An exploratory soil boring will be installed up to a depth of 55 feet below ground surface (ft bgs). Temporary PVC well material will be placed to a depth of the boring and secured at the surface. The temporary well will be in place for a minimum of 72 hours at which time the well will be gauged for the presence of water. If water is encountered at any point during the boring installation, the soil boring will be plugged using a slurry of Portland Type I/II Neat Cement less than 6.0 gallons of water per 94 lb sack. If no water is encountered, the boring will be plugged using hydrated bentonite with drill cuttings to plug the upper 10 ft. bgs.

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FOR OSE INTERNAL USE — Application for Permit, Form WR-07

File No.: C-04703 POD1	Trn No.: 741900

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: ☐ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), DALE WOODALL
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

OSE DII DEC 14 2022 PM 2:03

ACTION OF THE STATE ENGINEER

This application is:

☑ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 3rd day of February 20 23, for the State Engineer,

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
Signature

Kashyap Parekh
Print

Title: Water Resource Manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-04703 Trn No.: 741900

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

17-1B Depth of the well shall not exceed the thickness of the Ogallala formation.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04703 POD1

File Number: C 04703
Trn Number: 741900

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04703 POD1

File Number: C 04703
Trn Number: 741900

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04703 POD1 must be completed and the Well Log filed on or before 02/03/2024.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 12/14/2022 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 03 day of Feb A.D., 2023

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: C 04703 POD1

File Number: C 04703
Trn Number: 741900

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-98826

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Stray Cat 8 5 Fed Com 214H
Section 8, T23S-R32E
30-025-44601
Lea County, New Mexico

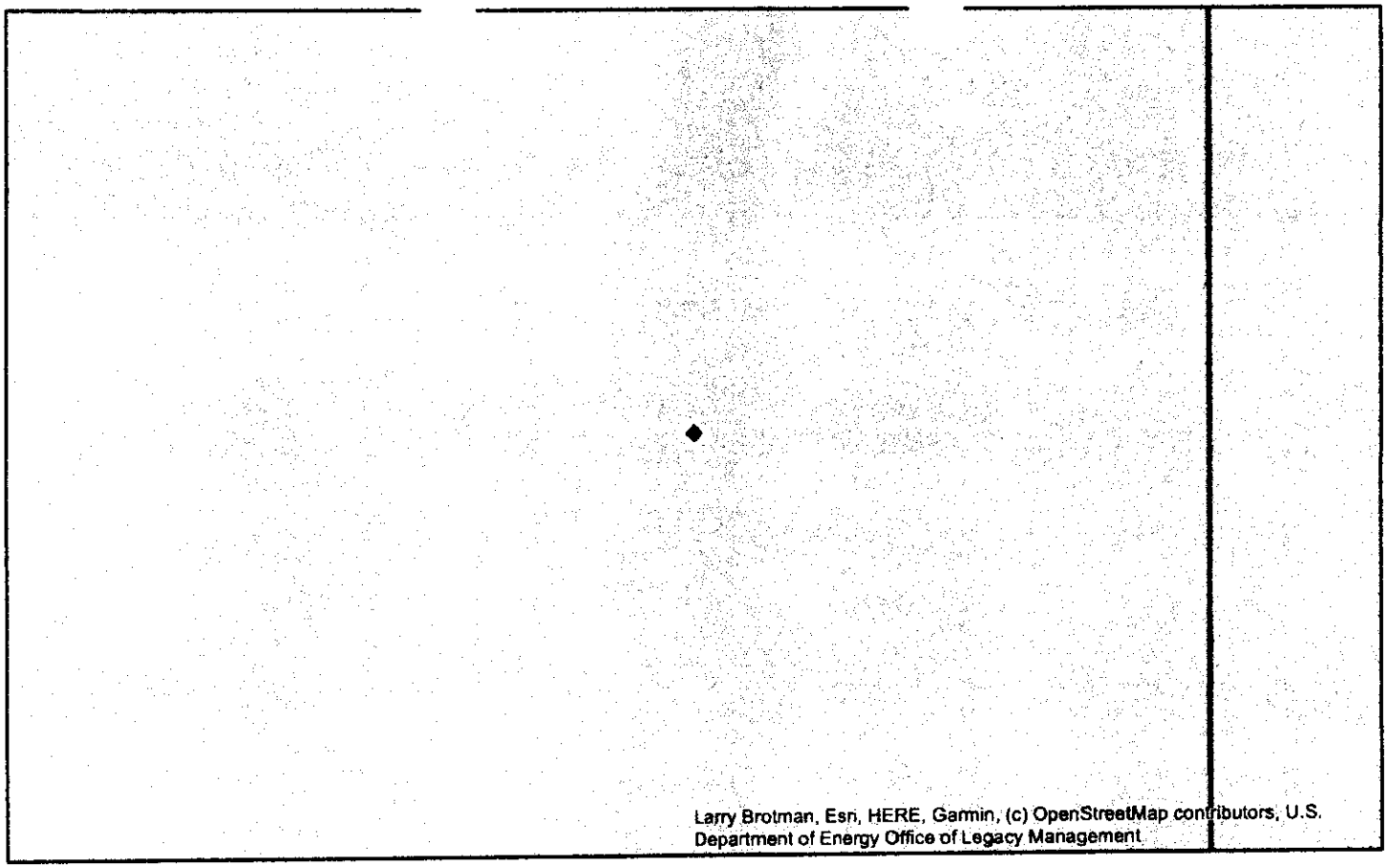
To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Devon Energy Production Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha A. Morgan
Certified Environmental Protection Specialist



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 623196.266

Northing 3576072.078

State Plane - NAD 83 (f) - Zone E

Easting 739685.793

Northing 478818.170

Degrees Minutes Seconds

Latitude 32 : 18 : 52.977600

Longitude -103 : 41 : 28.635720

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

1/4/2023

Spatial Information

County: Lea

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: North Carlsbad Underground Basin

Restrictions:

PLSS Description

NENWSESE Qtr of Sec 08 of 023S 032E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum:

Parcel Owner:

Address:null null null

Legal:

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

- Coord Search Location
- Water Rights Regulations
- Closure Area
- OSE District Boundary
- Bernalillo County Parcels 2022
- Catron County Parcels 2022
- Chaves County Parcels 2022
- Cibola County Parcels 2022
- Colfax County Parcels 2022
- Curry County Parcels 2022
- De Baca County Parcels 2022
- Doña Ana County Parcels 2022
- Eddy County Parcels 2022
- Grant County Parcels 2022
- Harding County Parcels 2022
- Hidalgo County Parcels 2022
- Guadalupe County Parcels 2022
- Lea County Parcels 2022
- Lincoln County Parcels 2022
- Los Alamos County Parcels 2022
- Luna County Parcels 2022
- McKinley County Parcels 2022
- Mora County Parcels 2022
- Otero County Parcels 2022
- Quay County Parcels 2022
- Rio Arriba County Parcels 2022
- Roosevelt County Parcels 2022
- Sandoval County Parcels 2022
- San Juan County Parcels 2022
- San Miguel County Parcels 2022
- Santa Fe County Parcels 2022
- Sierra County Parcels 2022
- Socorro County Parcels 2022
- Taos County Parcels 2022
- Torrance County Parcels 2022
- Union County Parcels 2022
- Valencia County Parcels 2022
- SiteBoundaries

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 741900
File Nbr: C 04703

Feb. 03, 2023

DALE WOODALL
DEVON ENERGY PRODUCTION CO.
333 W SHERIDAN AVE
OKLAHOMA CITY, OK 73102

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Rodolfo Chavez
(575)622-6521

Enclosure

explore

File No. C-04703 POD1

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☒ Other(Describe): Groundwater Determination
☐ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: 12/27/2022 Requested End Date: 01/20/2023

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: Devon Energy Production Company	Name:
Contact or Agent: Dale Woodall check here if Agent ☐	Contact or Agent: check here if Agent ☐
Mailing Address: 333 W Sheridan Ave	Mailing Address:
City: Oklahoma City	City:
State: OK Zip Code: 73102	State: Zip Code:
Phone: (405) 552-4660 Phone (Work): ☐ Home ☐ Cell	Phone: Phone (Work): ☐ Home ☐ Cell
E-mail (optional): dale.woodall@dvn.com	E-mail (optional):

OSE DII DEC 14 2022 PM2:03

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-04703	Trn. No.: 741900	Receipt No.: 7-45304
Trans Description (optional):		
Sub-Basin: CUB	PCW/LOG Due Date: 2/3/24	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range)* OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-04703 POD1	-103.6912877	32.314716	SE 1/4, SE 1/4, SECTION 8, T23S, R32E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ **Yes** ■ **No** **If yes, how many**_____

Other description relating well to common landmarks, streets, or other:
STRAY CAT 8 5 FED COM #214H

Well is on land owned by: BLM

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ **Yes** ■ **No**
If yes, how many_____

Approximate depth of well (feet): 55	Outside diameter of well casing (inches): 2
Driller Name: Vision Resources, Jason Maley	Driller License Number: 1833

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

An exploratory soil boring will be installed up to a depth of 55 feet below ground surface (ft bgs). Temporary PVC well material will be placed to a depth of the boring and secured at the surface. The temporary well will be in place for a minimum of 72 hours at which time the well will be gauged for the presence of water. If water is encountered at any point during the boring installation, the soil boring will be plugged using a slurry of Portland Type I/II Neat Cement less than 6.0 gallons of water per 94 lb sack. If no water is encountered, the boring will be plugged using hydrated bentonite with drill cuttings to plug the upper 10 ft. bgs.

OSE DIT DEC 14 2022 PM 2:03

FOR OSE INTERNAL USE — Application for Permit, Form WR-07

File No.: C-04703 POD1	Trn No.: 741900

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory:	**Pollution Control and/or Recovery:**	**Construction De-Watering:**	**Mine De-Watering:**
☐ Include a description of any proposed pump test, if applicable.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), DALE WOODALL
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

OSE DII DEC 14 2022 PM 2:03

ACTION OF THE STATE ENGINEER

This application is:

☑ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 3rd day of February 20 23, for the State Engineer,

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
Signature

Kashyap Parekh
Print

Title: Water Resource Manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-04703 Trn No.: 741900

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

17-1B Depth of the well shall not exceed the thickness of the Ogallala formation.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04703 POD1

File Number: C 04703
Trn Number: 741900

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04703 POD1

File Number: C 04703
Trn Number: 741900

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04703 POD1 must be completed and the Well Log filed on or before 02/03/2024.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 12/14/2022	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 03 day of Feb A.D., 2023

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: C 04703 POD1

File Number: C 04703
Trn Number: 741900

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM-98826

January 26, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Stray Cat 8 5 Fed Com 214H
Section 8, T23S-R32E
30-025-44601
Lea County, New Mexico

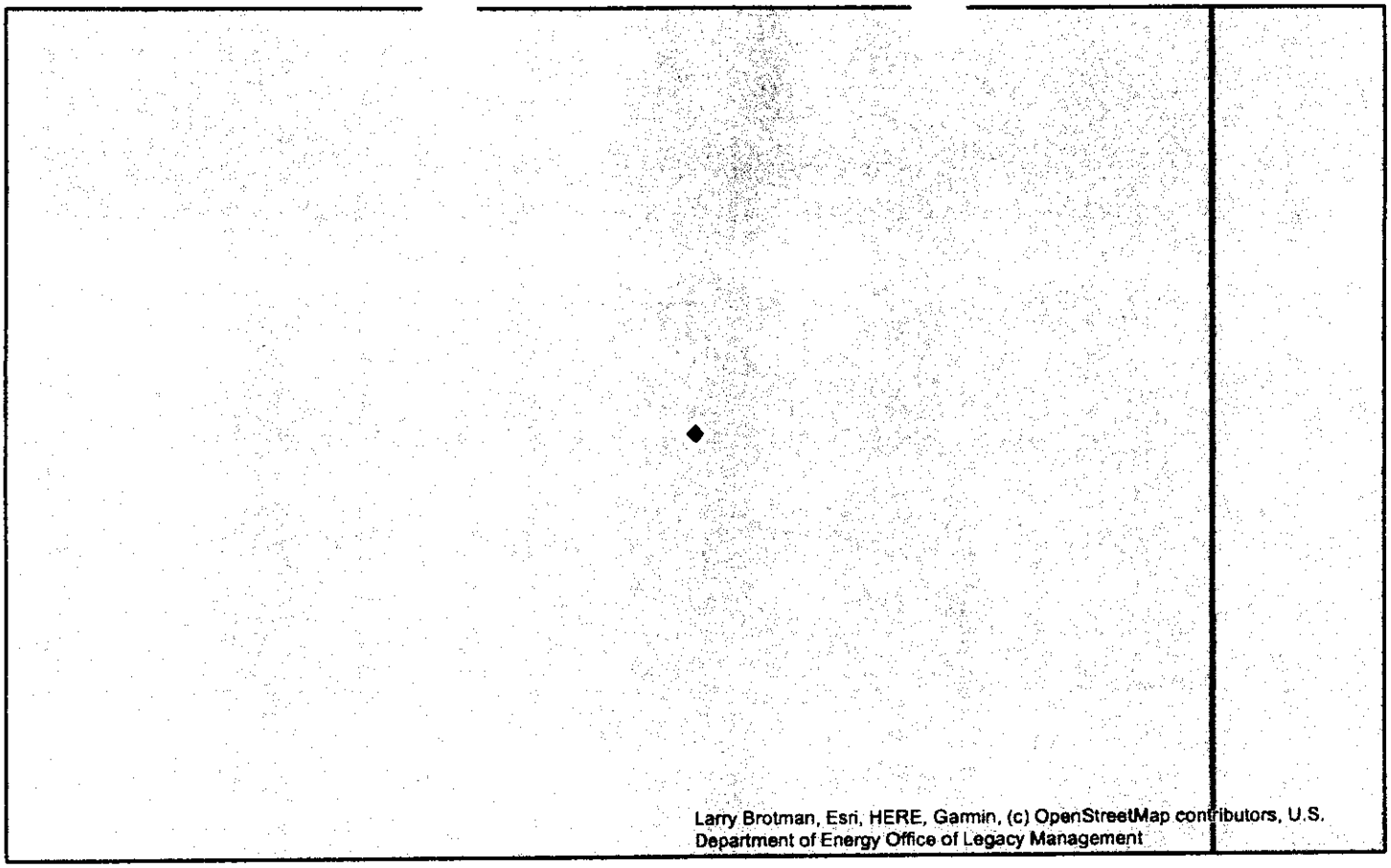
To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Devon Energy Production Company will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha A. Morgan
Certified Environmental Protection Specialist



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 623196.266

Northing 3576072.078

State Plane - NAD 83 (f) - Zone E

Easting 739685.793

Northing 478818.170

Degrees Minutes Seconds

Latitude 32 : 18 : 52.977600

Longitude -103 : 41 : 28.635720

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:4,514

ft

0 90 180 360

N

1/4/2023

Spatial Information

County: Lea

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad 72-12-1

Land Grant: North Carlsbad Underground Basin

Restrictions:

PLSS Description

NENWSESE Qtr of Sec 08 of 023S 032E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum:

Parcel Owner:

Address:null null null

Legal:

POD Information

Owner:

File Number:

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose:

Coord Search Location

Water Rights Regulations

Closure Area

OSE District Boundary

Bernalillo County Parcels 2022

Catron County Parcels 2022

Chaves County Parcels 2022

Cibola County Parcels 2022

Colfax County Parcels 2022

Curry County Parcels 2022

De Baca County Parcels 2022

Doña Ana County Parcels 2022

Eddy County Parcels 2022

Grant County Parcels 2022

Harding County Parcels 2022

Hidalgo County Parcels 2022

Guadalupe County Parcels 2022

Lea County Parcels 2022

Lincoln County Parcels 2022

Los Alamos County Parcels 2022

Luna County Parcels 2022

McKinley County Parcels 2022

Mora County Parcels 2022

Otero County Parcels 2022

Quay County Parcels 2022

Rio Arriba County Parcels 2022

Roosevelt County Parcels 2022

Sandoval County Parcels 2022

San Juan County Parcels 2022

San Miguel County Parcels 2022

Santa Fe County Parcels 2022

Sierra County Parcels 2022

Socorro County Parcels 2022

Taos County Parcels 2022

Torrance County Parcels 2022

Union County Parcels 2022

Valencia County Parcels 2022

SiteBoundaries

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 741900
File Nbr: C 04703

Feb. 03, 2023

DALE WOODALL
DEVON ENERGY PRODUCTION CO.
333 W SHERIDAN AVE
OKLAHOMA CITY, OK 73102

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Rodolfo Chavez
(575)622-6521

Enclosure

explore

Appendix B. Soil Report

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico

January 21, 2026

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

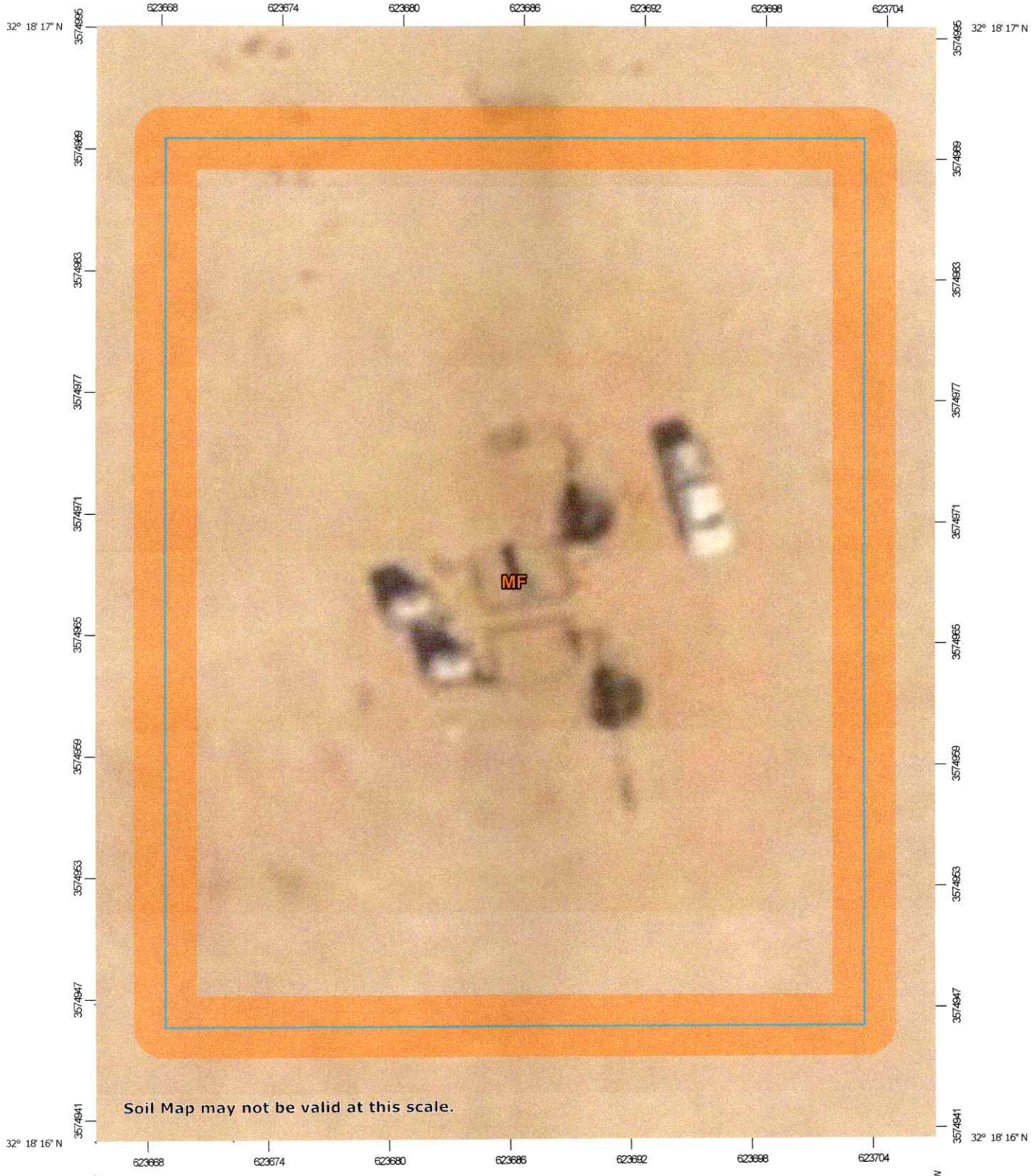
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:269 if printed on A portrait (8.5" x 11") sheet.

Meters: 0, 3, 7, 14, 21

Feet: 0, 10, 20, 40, 60

N

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MF	Maljamar and Palomas fine sands, 0 to 3 percent slopes	0.4	100.0%
Totals for Area of Interest		**0.4**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Received by OCD: 4/23/2026 12:40:52 PM

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

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Received by OCD: 4/23/2026 12:40:52 PM

Lea County, New Mexico

MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmqb
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Maljamar and similar soils: 46 percent
Palomas and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 7e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

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Description of Palomas

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Wink

Percent of map unit: 5 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Released to Imaging: 6/17/2026 8:48:19 AM

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Appendix C. Photographic Log

Big Cat 16-9 State Fed Com #001 H

January 20, 2026 – Initial Devon Photos of Release

Initial Devon Photos of Release

Initial Devon Photos of Release

Initial Devon Photos of Release

Initial Devon Photos of Release

Big Cat 16-9 State Fed Com #001 H

January 21, 2026 – Initial SESI Site Visit

Looking Northeast

Looking East

Looking East

Looking Southeast

Big Cat 16-9 State Fed Com #001 H

January 21, 2026 – Initial SESI Site Visit

Looking Southeast

Looking West from between pump jacks

Big Cat 16-9 State Fed Com #001 H

March 20-23, 2026 - Excavation

Excavation looking East

Excavation looking Northeast

Excavation looking South

Excavation looking South

Big Cat 16-9 State Fed Com #001 H

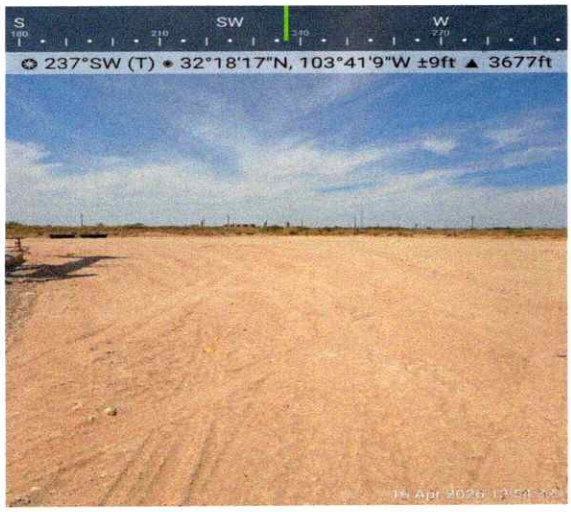
March 20-23, 2026 - Excavation

Excavation looking South

Excavation looking West

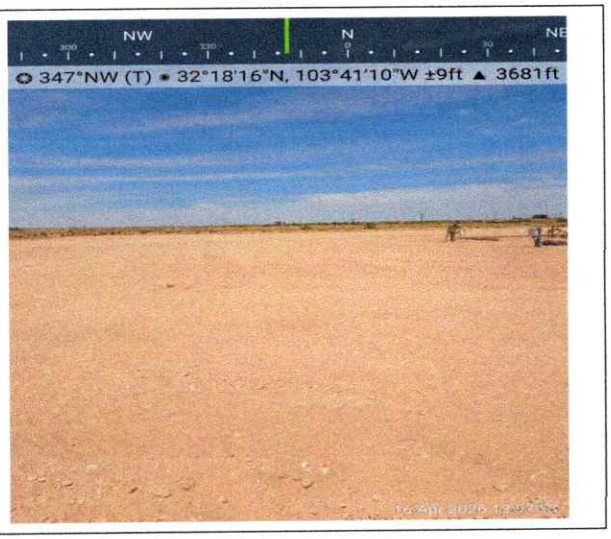
Big Cat 16-9 State Fed Com #001 H

April 16, 2026 - Backfill

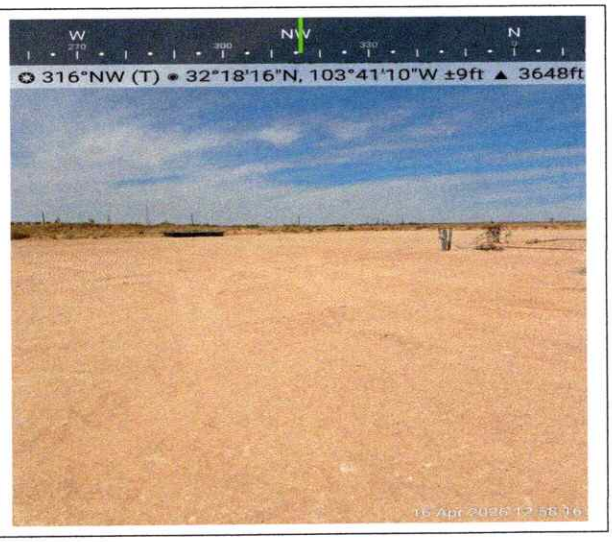


Backfill completed looking Southwest

Backfill complete looking Southeast



Backfill complete looking North



Backfill complete looking Northwest

Appendix D. Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Leslie Mendenhall
Safety & Environmental Solutions
PO BOX 1613
Hobbs, New Mexico 88241

Generated 2/16/2026 7:28:49 PM

JOB DESCRIPTION

Big Cat 16-9 State Fed COM 001H
DEV-26-001

JOB NUMBER

880-67956-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

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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

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

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Definitions/Glossary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, 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: Safety & Environmental Solutions
Project: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1

Job ID: 880-67956-1 **Eurofins Midland**

Job Narrative
880-67956-1

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 2/9/2026 8:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: SP-6-S (880-67956-43) and SP-6-2' (880-67956-44). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SP-6-S (880-67956-43). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131234 and analytical batch 880-131691 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 matrix spike duplicate (MSD) recoveries for preparation batch 880-131229 and analytical batch 880-131692 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131873 and analytical batch 880-131867 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: Surrogate recovery for the following sample was outside control limits: BH-1-S (880-67956-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: HP-2-1' (880-67956-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131362 and analytical batch 880-131814 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: SP-6-S (880-67956-43). 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.

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131404 and

Case Narrative

Client: Safety & Environmental Solutions
Project: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1

Job ID: 880-67956-1 (Continued) Eurofins Midland

analytical batch 880-131409 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131325 and analytical batch 880-131408 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.

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-1-S

Date Collected: 02/04/26 10:57
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:34	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/26 12:43	02/13/26 23:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/26 12:43	02/13/26 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/09/26 12:43*	*02/13/26 23:34*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/09/26 12:43*	*02/13/26 23:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/26 23:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/14/26 11:24	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	<49.7	U	49.7		mg/Kg		02/10/26 09:25	02/14/26 11:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/26 09:25	02/14/26 11:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/26 09:25	02/14/26 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*02/10/26 09:25*	*02/14/26 11:24*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/10/26 09:25*	*02/14/26 11:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	425		10.0		mg/Kg			02/10/26 21:50	1

Client Sample ID: HP-1-1'

Date Collected: 02/04/26 11:11
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-2
Matrix: Solid

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		02/09/26 12:43	02/13/26 23:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/13/26 23:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/13/26 23:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:43	02/13/26 23:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/13/26 23:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:43	02/13/26 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/09/26 12:43*	*02/13/26 23:55*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/13/26 23:55*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-1-1'

Date Collected: 02/04/26 11:11
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/14/26 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	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 12:05	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 12:05	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*02/10/26 09:25*	*02/14/26 12:05*	*1*
o-Terphenyl	*110*		*70 - 130*	*02/10/26 09:25*	*02/14/26 12:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	335		9.98		mg/Kg			02/10/26 21:56	1

Client Sample ID: HP-2-S

Date Collected: 02/04/26 11:22
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-3
Matrix: Solid

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		02/09/26 12:43	02/14/26 00:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 00:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 00:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/09/26 12:43	02/14/26 00:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 00:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/09/26 12:43	02/14/26 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/09/26 12:43*	*02/14/26 00:16*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/09/26 12:43*	*02/14/26 00:16*	*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			02/14/26 00:16	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			02/14/26 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	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 12:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 12:19	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-2-S

Date Collected: 02/04/26 11:22
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-3
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		02/10/26 09:25	02/14/26 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/10/26 09:25*	*02/14/26 12:19*	*1*
o-Terphenyl	*105*		*70 - 130*	*02/10/26 09:25*	*02/14/26 12:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		9.96		mg/Kg			02/10/26 22:03	1

Client Sample ID: HP-2-1'

Date Collected: 02/04/26 11:35
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 00:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 00:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 00:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/26 12:43	02/14/26 00:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 00:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/26 12:43	02/14/26 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 00:36*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/09/26 12:43*	*02/14/26 00:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/26 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	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 12:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 12:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*203*	*S1+*	*70 - 130*	*02/10/26 09:25*	*02/14/26 12:33*	*1*
o-Terphenyl	*208*	*S1+*	*70 - 130*	*02/10/26 09:25*	*02/14/26 12:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/10/26 22:10	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-3-S

Date Collected: 02/04/26 11:45
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 00:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 00:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 00:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/09/26 12:43	02/14/26 00:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 00:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/09/26 12:43	02/14/26 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 00:57*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/09/26 12:43*	*02/14/26 00:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/26 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/26 09:25	02/14/26 12:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:25	02/14/26 12:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:25	02/14/26 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 12:47*	*1*
o-Terphenyl	*107*		*70 - 130*	*02/10/26 09:25*	*02/14/26 12:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.8		10.1		mg/Kg			02/10/26 22:30	1

Client Sample ID: HP-3-1'

Date Collected: 02/04/26 11:52
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 01:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 01:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 01:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/26 12:43	02/14/26 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 01:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/26 12:43	02/14/26 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*02/09/26 12:43*	*02/14/26 01:17*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/09/26 12:43*	*02/14/26 01:17*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-3-1'

Date Collected: 02/04/26 11:52
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-6
Matrix: Solid

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			02/14/26 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/14/26 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 13:00	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 13:00	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:00*	*1*
o-Terphenyl	*102*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	267		9.96		mg/Kg			02/10/26 22:37	1

Client Sample ID: HP-4-S

Date Collected: 02/04/26 12:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-7
Matrix: Solid

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		02/09/26 12:43	02/14/26 01:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/14/26 01:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/14/26 01:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:43	02/14/26 01:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/14/26 01:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:43	02/14/26 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 01:38*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/09/26 12:43*	*02/14/26 01:38*	*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			02/14/26 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 13:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 13:14	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-4-S

Date Collected: 02/04/26 12:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:14*	*1*
o-Terphenyl	*101*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	213		9.98		mg/Kg			02/10/26 22:43	1

Client Sample ID: HP-4-1'

Date Collected: 02/04/26 12:15
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-8
Matrix: Solid

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		02/09/26 12:43	02/14/26 01:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 01:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 01:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/09/26 12:43	02/14/26 01:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 01:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/09/26 12:43	02/14/26 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 01:58*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/09/26 12:43*	*02/14/26 01:58*	*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			02/14/26 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/14/26 13:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/10/26 09:25	02/14/26 13:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/26 09:25	02/14/26 13:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/26 09:25	02/14/26 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:28*	*1*
o-Terphenyl	*87*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.94		mg/Kg			02/10/26 22:50	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-5-S

Date Collected: 02/04/26 12:25
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 02:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 02:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 02:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/26 12:43	02/14/26 02:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 02:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/26 12:43	02/14/26 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 02:19*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/09/26 12:43*	*02/14/26 02:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/14/26 13:42	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	<50.1	U	50.1		mg/Kg		02/10/26 09:25	02/14/26 13:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/10/26 09:25	02/14/26 13:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/10/26 09:25	02/14/26 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:42*	*1*
o-Terphenyl	*105*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		9.96		mg/Kg			02/10/26 22:57	1

Client Sample ID: HP-5-1'

Date Collected: 02/04/26 12:37
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 02:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 02:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 02:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/09/26 12:43	02/14/26 02:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 02:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/09/26 12:43	02/14/26 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/09/26 12:43*	*02/14/26 02:39*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 02:39*	*1*

Eurofins Midland

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-5-1'

Date Collected: 02/04/26 12:37
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/26 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 13:56	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	<49.9	U	49.9		mg/Kg		02/10/26 09:25	02/14/26 13:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:25	02/14/26 13:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:25	02/14/26 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:56*	*1*
o-Terphenyl	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.1		9.96		mg/Kg			02/10/26 23:03	1

Client Sample ID: HP-6-S

Date Collected: 02/04/26 02:07
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/26 12:43	02/14/26 04:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/09/26 12:43	02/14/26 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/09/26 12:43*	*02/14/26 04:12*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/09/26 12:43*	*02/14/26 04:12*	*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			02/14/26 04:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/14/26 14:24	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	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 14:24	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 14:24	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-6-S

Date Collected: 02/04/26 02:07
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 14:24*	*1*
o-Terphenyl	*105*		*70 - 130*	*02/10/26 09:25*	*02/14/26 14:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.6		9.98		mg/Kg			02/10/26 23:23	1

Client Sample ID: HP-6-1'

Date Collected: 02/04/26 02:15
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 04:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 04:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 04:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/09/26 12:43	02/14/26 04:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:43	02/14/26 04:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/09/26 12:43	02/14/26 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/09/26 12:43*	*02/14/26 04:33*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/09/26 12:43*	*02/14/26 04:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/26 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/14/26 14:39	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	<50.2	U	50.2		mg/Kg		02/10/26 09:25	02/14/26 14:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/10/26 09:25	02/14/26 14:39	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/10/26 09:25	02/14/26 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*02/10/26 09:25*	*02/14/26 14:39*	*1*
o-Terphenyl	*102*		*70 - 130*	*02/10/26 09:25*	*02/14/26 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.1		9.92		mg/Kg			02/10/26 23:30	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-1-S

Date Collected: 02/04/26 02:27
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00203		0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:54	1
Toluene	0.0733		0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:54	1
Ethylbenzene	0.108		0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:54	1
m-Xylene & p-Xylene	0.283		0.00399		mg/Kg		02/09/26 12:43	02/14/26 04:54	1
o-Xylene	0.202		0.00200		mg/Kg		02/09/26 12:43	02/14/26 04:54	1
Xylenes, Total	0.485		0.00399		mg/Kg		02/09/26 12:43	02/14/26 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/09/26 12:43*	*02/14/26 04:54*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/09/26 12:43*	*02/14/26 04:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.668		0.00399		mg/Kg			02/14/26 04:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2140		49.9		mg/Kg			02/14/26 14:53	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	143		49.9		mg/Kg		02/10/26 09:25	02/14/26 14:53	1
Diesel Range Organics (Over C10-C28)	1800		49.9		mg/Kg		02/10/26 09:25	02/14/26 14:53	1
Oil Range Organics (Over C28-C36)	201		49.9		mg/Kg		02/10/26 09:25	02/14/26 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*02/10/26 09:25*	*02/14/26 14:53*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*02/10/26 09:25*	*02/14/26 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		10.1		mg/Kg			02/10/26 23:50	1

Client Sample ID: BH-1-1'

Date Collected: 02/04/26 02:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-14
Matrix: Solid

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		02/09/26 12:43	02/14/26 05:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:43	02/14/26 05:14	1
Ethylbenzene	0.00479		0.00201		mg/Kg		02/09/26 12:43	02/14/26 05:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:43	02/14/26 05:14	1
o-Xylene	0.00856		0.00201		mg/Kg		02/09/26 12:43	02/14/26 05:14	1
Xylenes, Total	0.00856		0.00402		mg/Kg		02/09/26 12:43	02/14/26 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*02/09/26 12:43*	*02/14/26 05:14*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/09/26 12:43*	*02/14/26 05:14*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-1-1'

Date Collected: 02/04/26 02:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0134		0.00402		mg/Kg			02/14/26 05:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/14/26 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 15:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 15:08	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:08*	*1*
o-Terphenyl	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		9.94		mg/Kg			02/10/26 23:57	1

Client Sample ID: BH-1-2'

Date Collected: 02/04/26 02:50
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-15
Matrix: Solid

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		02/09/26 12:43	02/14/26 05:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 05:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 05:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/09/26 12:43	02/14/26 05:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:43	02/14/26 05:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/09/26 12:43	02/14/26 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/09/26 12:43*	*02/14/26 05:34*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/09/26 12:43*	*02/14/26 05:34*	*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			02/14/26 05:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/14/26 15:22	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	<50.4	U	50.4		mg/Kg		02/10/26 09:25	02/14/26 15:22	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/10/26 09:25	02/14/26 15:22	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-1-2'

Date Collected: 02/04/26 02:50
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-15
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)	<50.4	U	50.4		mg/Kg		02/10/26 09:25	02/14/26 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:22*	*1*
o-Terphenyl	*101*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.2		9.92		mg/Kg			02/11/26 00:04	1

Client Sample ID: BH-1-3'

Date Collected: 02/04/26 02:58
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 05:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 05:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 05:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/26 12:43	02/14/26 05:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:43	02/14/26 05:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/26 12:43	02/14/26 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/09/26 12:43*	*02/14/26 05:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/09/26 12:43*	*02/14/26 05:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/26 15:37	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		02/10/26 09:25	02/14/26 15:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 15:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:37*	*1*
o-Terphenyl	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		9.90		mg/Kg			02/11/26 00:10	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-S

Date Collected: 02/04/26 11:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 16:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 16:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 16:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/16/26 09:05	02/16/26 16:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 16:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/16/26 09:05	02/16/26 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*02/16/26 09:05*	*02/16/26 16:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/16/26 09:05*	*02/16/26 16:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/16/26 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/14/26 15:50	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	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 15:50	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 15:50	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:25	02/14/26 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:50*	*1*
o-Terphenyl	*105*		*70 - 130*	*02/10/26 09:25*	*02/14/26 15:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		100		mg/Kg			02/11/26 00:17	10

Client Sample ID: BH-2-1'

Date Collected: 02/04/26 11:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-18
Matrix: Solid

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		02/16/26 08:54	02/16/26 11:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/16/26 08:54	02/16/26 11:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/16/26 08:54	02/16/26 11:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/16/26 08:54	02/16/26 11:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/16/26 08:54	02/16/26 11:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/16/26 08:54	02/16/26 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/16/26 08:54*	*02/16/26 11:55*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/16/26 08:54*	*02/16/26 11:55*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-1'

Date Collected: 02/04/26 11:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-18
Matrix: Solid

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			02/16/26 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/26 16:05	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	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 16:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 16:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 16:05*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/10/26 09:25*	*02/14/26 16:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	906		10.1		mg/Kg			02/11/26 00:24	1

Client Sample ID: BH-2-2'

Date Collected: 02/04/26 12:13
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/16/26 08:54	02/16/26 12:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/16/26 08:54	02/16/26 12:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/16/26 08:54	02/16/26 12:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/16/26 08:54	02/16/26 12:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/16/26 08:54	02/16/26 12:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/16/26 08:54	02/16/26 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/16/26 08:54*	*02/16/26 12:16*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/16/26 08:54*	*02/16/26 12:16*	*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			02/16/26 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/26 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 16:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 16:19	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-2'

Date Collected: 02/04/26 12:13
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-19
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)	<49.8	U	49.8		mg/Kg		02/10/26 09:25	02/14/26 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*02/10/26 09:25*	*02/14/26 16:19*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/10/26 09:25*	*02/14/26 16:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	792		9.96		mg/Kg			02/11/26 00:30	1

Client Sample ID: BH-2-3'

Date Collected: 02/04/26 12:35
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-20
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/16/26 08:54	02/16/26 12:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/16/26 08:54	02/16/26 12:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/16/26 08:54	02/16/26 12:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/16/26 08:54	02/16/26 12:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/16/26 08:54	02/16/26 12:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/16/26 08:54	02/16/26 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/16/26 08:54*	*02/16/26 12:36*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*02/16/26 08:54*	*02/16/26 12:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/16/26 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/14/26 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		02/10/26 09:25	02/14/26 16:33	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/10/26 09:25	02/14/26 16:33	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/10/26 09:25	02/14/26 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*02/10/26 09:25*	*02/14/26 16:33*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/10/26 09:25*	*02/14/26 16:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4240		99.8		mg/Kg			02/10/26 21:46	10

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-4'

Date Collected: 02/04/26 01:13
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-21
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		02/09/26 12:47	02/13/26 23:11	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		02/09/26 12:47	02/13/26 23:11	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		02/09/26 12:47	02/13/26 23:11	1
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.00399		mg/Kg		02/09/26 12:47	02/13/26 23:11	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		02/09/26 12:47	02/13/26 23:11	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		02/09/26 12:47	02/13/26 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/09/26 12:47*	*02/13/26 23:11*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*02/09/26 12:47*	*02/13/26 23:11*	*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			02/13/26 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/13/26 17:42	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	<49.7	U	49.7		mg/Kg		02/10/26 09:28	02/13/26 17:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/26 09:28	02/13/26 17:42	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/26 09:28	02/13/26 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*02/10/26 09:28*	*02/13/26 17:42*	*1*
o-Terphenyl	*116*		*70 - 130*	*02/10/26 09:28*	*02/13/26 17:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		49.6		mg/Kg			02/10/26 22:07	5

Client Sample ID: BH-2-5'

Date Collected: 02/04/26 01:36
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-22
Matrix: Solid

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		02/09/26 12:47	02/13/26 23:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/13/26 23:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/13/26 23:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/13/26 23:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/13/26 23:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/13/26 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/09/26 12:47*	*02/13/26 23:32*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*02/09/26 12:47*	*02/13/26 23:32*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-5'

Date Collected: 02/04/26 01:36
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/26 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/13/26 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 18:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 18:23	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*02/10/26 09:28*	*02/13/26 18:23*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/10/26 09:28*	*02/13/26 18:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.6		10.0		mg/Kg			02/10/26 22:14	1

Client Sample ID: BH-2-6'

Date Collected: 02/04/26 03:25
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-23
Matrix: Solid

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		02/09/26 12:47	02/13/26 23:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/13/26 23:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/13/26 23:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/09/26 12:47	02/13/26 23:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/13/26 23:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/09/26 12:47	02/13/26 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/09/26 12:47*	*02/13/26 23:53*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/09/26 12:47*	*02/13/26 23:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 23:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 18:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 18:37	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-6'

Date Collected: 02/04/26 03:25
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-23
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)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/10/26 09:28*	*02/13/26 18:37*	*1*
o-Terphenyl	*100*		*70 - 130*	*02/10/26 09:28*	*02/13/26 18:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		10.1		mg/Kg			02/10/26 22:21	1

Client Sample ID: BH-3-S

Date Collected: 02/04/26 01:59
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-24
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 00:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 00:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 00:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/26 12:47	02/14/26 00:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 00:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/26 12:47	02/14/26 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/09/26 12:47*	*02/14/26 00:13*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*02/09/26 12:47*	*02/14/26 00:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 00:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	848		50.5		mg/Kg			02/13/26 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		02/10/26 09:28	02/13/26 18:51	1
Diesel Range Organics (Over C10-C28)	780		50.5		mg/Kg		02/10/26 09:28	02/13/26 18:51	1
Oil Range Organics (Over C28-C36)	68.2		50.5		mg/Kg		02/10/26 09:28	02/13/26 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/10/26 09:28*	*02/13/26 18:51*	*1*
o-Terphenyl	*121*		*70 - 130*	*02/10/26 09:28*	*02/13/26 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		9.94		mg/Kg			02/10/26 22:28	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-3-1'

Date Collected: 02/04/26 02:21
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-25
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 00:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 00:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 00:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/09/26 12:47	02/14/26 00:34	1
o-Xylene	0.00214		0.00198		mg/Kg		02/09/26 12:47	02/14/26 00:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/09/26 12:47	02/14/26 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/09/26 12:47*	*02/14/26 00:34*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/09/26 12:47*	*02/14/26 00:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/26 00:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 19:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 19:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:05*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	987		9.92		mg/Kg			02/10/26 22:48	1

Client Sample ID: BH-3-2'

Date Collected: 02/04/26 02:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-26
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 00:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 00:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 00:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 00:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 00:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/09/26 12:47*	*02/14/26 00:55*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/09/26 12:47*	*02/14/26 00:55*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-3-2'

Date Collected: 02/04/26 02:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-26
Matrix: Solid

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			02/14/26 00:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/13/26 19:19	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	<50.3	U	50.3		mg/Kg		02/10/26 09:28	02/13/26 19:19	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/10/26 09:28	02/13/26 19:19	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/10/26 09:28	02/13/26 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:19*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		10.0		mg/Kg			02/10/26 22:55	1

Client Sample ID: BH-3-3'

Date Collected: 02/04/26 02:55
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-27
Matrix: Solid

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		02/09/26 12:47	02/14/26 01:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 01:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 01:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 01:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 01:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/09/26 12:47*	*02/14/26 01:15*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/09/26 12:47*	*02/14/26 01:15*	*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			02/14/26 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/26 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 19:33	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-3-3'

Date Collected: 02/04/26 02:55
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-27
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		02/10/26 09:28	02/13/26 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:33*	*1*
o-Terphenyl	*126*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.4		10.1		mg/Kg			02/10/26 23:02	1

Client Sample ID: SP-1-S

Date Collected: 02/04/26 08:31
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 01:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 01:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 01:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/09/26 12:47	02/14/26 01:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 01:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/09/26 12:47	02/14/26 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/09/26 12:47*	*02/14/26 01:36*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*02/09/26 12:47*	*02/14/26 01:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/26 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.0		49.7		mg/Kg			02/13/26 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/10/26 09:28	02/13/26 19:47	1
Diesel Range Organics (Over C10-C28)	54.0		49.7		mg/Kg		02/10/26 09:28	02/13/26 19:47	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/26 09:28	02/13/26 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:47*	*1*
o-Terphenyl	*118*		*70 - 130*	*02/10/26 09:28*	*02/13/26 19:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		49.8		mg/Kg			02/10/26 23:09	5

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-1-2'

Date Collected: 02/04/26 09:12
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-29
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 01:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 01:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 01:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/26 12:47	02/14/26 01:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 01:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/26 12:47	02/14/26 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/09/26 12:47*	*02/14/26 01:57*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/09/26 12:47*	*02/14/26 01:57*	*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			02/14/26 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/13/26 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/10/26 09:28	02/13/26 20:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/10/26 09:28	02/13/26 20:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/10/26 09:28	02/13/26 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:01*	*1*
o-Terphenyl	*113*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2180		49.6		mg/Kg			02/10/26 23:16	5

Client Sample ID: SP-1-3'

Date Collected: 02/04/26 09:31
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-30
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 02:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 02:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 02:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/09/26 12:47	02/14/26 02:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/09/26 12:47	02/14/26 02:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/09/26 12:47	02/14/26 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/09/26 12:47*	*02/14/26 02:17*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*02/09/26 12:47*	*02/14/26 02:17*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-1-3'

Date Collected: 02/04/26 09:31
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/26 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 20:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 20:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 20:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:15*	*1*
o-Terphenyl	*101*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	821	F1	9.92		mg/Kg			02/10/26 23:23	1

Client Sample ID: SP-2-S

Date Collected: 02/04/26 09:52
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 03:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 03:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 03:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 03:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 03:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/09/26 12:47*	*02/14/26 03:40*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*02/09/26 12:47*	*02/14/26 03:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/26 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	65.5		49.6		mg/Kg			02/13/26 20:43	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	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 20:43	1
Diesel Range Organics (Over C10-C28)	65.5		49.6		mg/Kg		02/10/26 09:28	02/13/26 20:43	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-2-S

Date Collected: 02/04/26 09:52
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:43*	*1*
o-Terphenyl	*117*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.8		10.1		mg/Kg			02/10/26 23:44	1

Client Sample ID: SP-2-2'

Date Collected: 02/04/26 10:29
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-32
Matrix: Solid

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		02/09/26 12:47	02/14/26 04:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 04:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 04:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 04:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 04:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/09/26 12:47*	*02/14/26 04:01*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*02/09/26 12:47*	*02/14/26 04:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/26 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	<50.2	U	50.2		mg/Kg			02/13/26 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		02/10/26 09:28	02/13/26 20:58	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/10/26 09:28	02/13/26 20:58	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/10/26 09:28	02/13/26 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:58*	*1*
o-Terphenyl	*106*		*70 - 130*	*02/10/26 09:28*	*02/13/26 20:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		10.1		mg/Kg			02/10/26 23:50	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-2-3'

Date Collected: 02/04/26 10:44
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-33
Matrix: Solid

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		02/09/26 12:47	02/14/26 04:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/14/26 04:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/14/26 04:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/09/26 12:47	02/14/26 04:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/14/26 04:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/09/26 12:47	02/14/26 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/09/26 12:47*	*02/14/26 04:21*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/09/26 12:47*	*02/14/26 04:21*	*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			02/14/26 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	<49.9	U	49.9		mg/Kg			02/13/26 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 21:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 21:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:28	02/13/26 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:11*	*1*
o-Terphenyl	*106*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		9.94		mg/Kg			02/11/26 00:11	1

Client Sample ID: SP-3-S

Date Collected: 02/04/26 11:27
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-34
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 04:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 04:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 04:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 04:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 04:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/09/26 12:47*	*02/14/26 04:42*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/09/26 12:47*	*02/14/26 04:42*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-3-S

Date Collected: 02/04/26 11:27
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-34
Matrix: Solid

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			02/14/26 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	<49.6	U	49.6		mg/Kg			02/13/26 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 21:25	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 21:25	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/26 09:28	02/13/26 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:25*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		49.6		mg/Kg			02/11/26 00:18	5

Client Sample ID: SP-3-2'

Date Collected: 02/04/26 11:59
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-35
Matrix: Solid

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		02/09/26 12:47	02/14/26 05:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 05:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 05:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 05:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 05:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/09/26 12:47*	*02/14/26 05:03*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*02/09/26 12:47*	*02/14/26 05:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/26 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	<50.4	U	50.4		mg/Kg			02/13/26 21:39	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	<50.4	U	50.4		mg/Kg		02/10/26 09:28	02/13/26 21:39	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/10/26 09:28	02/13/26 21:39	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-3-2'

Date Collected: 02/04/26 11:59
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-35
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)	<50.4	U	50.4		mg/Kg		02/10/26 09:28	02/13/26 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:39*	*1*
o-Terphenyl	*106*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		50.3		mg/Kg			02/11/26 00:25	5

Client Sample ID: SP-3-3'

Date Collected: 02/04/26 12:19
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-36
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 05:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 05:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 05:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/09/26 12:47	02/14/26 05:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 05:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/09/26 12:47	02/14/26 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/09/26 12:47*	*02/14/26 05:23*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/09/26 12:47*	*02/14/26 05:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/26 05:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/26 09:28	02/13/26 21:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/26 09:28	02/13/26 21:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/26 09:28	02/13/26 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:53*	*1*
o-Terphenyl	*110*		*70 - 130*	*02/10/26 09:28*	*02/13/26 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		50.2		mg/Kg			02/11/26 00:32	5

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-4-S

Date Collected: 02/04/26 01:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-37
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 05:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 05:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 05:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/26 12:47	02/14/26 05:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/26 12:47	02/14/26 05:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/26 12:47	02/14/26 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/09/26 12:47*	*02/14/26 05:44*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*02/09/26 12:47*	*02/14/26 05:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/26 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	<50.2	U	50.2		mg/Kg			02/13/26 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	<50.2	U	50.2		mg/Kg		02/10/26 09:28	02/13/26 22:07	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/10/26 09:28	02/13/26 22:07	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/10/26 09:28	02/13/26 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:07*	*1*
o-Terphenyl	*106*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	863		9.94		mg/Kg			02/11/26 00:39	1

Client Sample ID: SP-4-2'

Date Collected: 02/04/26 01:38
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-38
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 06:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/14/26 06:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/26 12:47	02/14/26 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/09/26 12:47*	*02/14/26 06:05*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/09/26 12:47*	*02/14/26 06:05*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-4-2'

Date Collected: 02/04/26 01:38
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-38
Matrix: Solid

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			02/14/26 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	<50.0	U	50.0		mg/Kg			02/13/26 22:21	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		02/10/26 09:28	02/13/26 22:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 22:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:21*	*1*
o-Terphenyl	*107*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.9		9.96		mg/Kg			02/11/26 00:46	1

Client Sample ID: SP-4-3'

Date Collected: 02/04/26 01:51
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-39
Matrix: Solid

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		02/09/26 12:47	02/14/26 06:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 06:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 06:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 06:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/26 12:47	02/14/26 06:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/26 12:47	02/14/26 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/09/26 12:47*	*02/14/26 06:25*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/09/26 12:47*	*02/14/26 06:25*	*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			02/14/26 06:25	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			02/13/26 22:36	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	<49.8	U	49.8		mg/Kg		02/10/26 09:28	02/13/26 22:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/26 09:28	02/13/26 22:36	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-4-3'

Date Collected: 02/04/26 01:51
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-39
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/26 09:28	02/13/26 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:36*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.4		9.98		mg/Kg			02/11/26 00:52	1

Client Sample ID: SP-5-S

Date Collected: 02/04/26 02:05
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-40
Matrix: Solid

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		02/09/26 12:47	02/14/26 06:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/14/26 06:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/14/26 06:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/09/26 12:47	02/14/26 06:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/26 12:47	02/14/26 06:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/09/26 12:47	02/14/26 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/09/26 12:47*	*02/14/26 06:46*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/09/26 12:47*	*02/14/26 06:46*	*1*

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			02/14/26 06:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/13/26 22:49	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	<50.4	U	50.4		mg/Kg		02/10/26 09:28	02/13/26 22:49	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/10/26 09:28	02/13/26 22:49	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/10/26 09:28	02/13/26 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:49*	*1*
o-Terphenyl	*107*		*70 - 130*	*02/10/26 09:28*	*02/13/26 22:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830	F1	49.7		mg/Kg			02/10/26 20:52	5

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-5-2'

Date Collected: 02/04/26 02:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-41
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 17:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 09:30	02/11/26 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 17:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 09:30	02/11/26 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/11/26 09:30*	*02/11/26 17:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/11/26 09:30*	*02/11/26 17:52*	*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			02/11/26 17:52	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			02/14/26 11:24	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	<49.7	U	49.7		mg/Kg		02/10/26 09:31	02/14/26 11:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U F1	49.7		mg/Kg		02/10/26 09:31	02/14/26 11:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/26 09:31	02/14/26 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*02/10/26 09:31*	*02/14/26 11:24*	*1*
o-Terphenyl	*105*		*70 - 130*	*02/10/26 09:31*	*02/14/26 11:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.7		9.92		mg/Kg			02/10/26 21:07	1

Client Sample ID: SP-5-3'

Date Collected: 02/04/26 02:57
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-42
Matrix: Solid

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		02/11/26 09:30	02/11/26 18:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 09:30	02/11/26 18:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 09:30	02/11/26 18:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 09:30	02/11/26 18:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 09:30	02/11/26 18:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 09:30	02/11/26 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/11/26 09:30*	*02/11/26 18:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/11/26 09:30*	*02/11/26 18:13*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-5-3'

Date Collected: 02/04/26 02:57
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-42
Matrix: Solid

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			02/11/26 18:13	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			02/14/26 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	<49.9	U	49.9		mg/Kg		02/10/26 09:31	02/14/26 12:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:31	02/14/26 12:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:31	02/14/26 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:05*	*1*
o-Terphenyl	*102*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.0		10.1		mg/Kg			02/10/26 21:13	1

Client Sample ID: SP-6-S

Date Collected: 02/04/26 03:10
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-43
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00848		0.00200		mg/Kg		02/11/26 09:30	02/11/26 18:37	1
Toluene	0.385		0.00200		mg/Kg		02/11/26 09:30	02/11/26 18:37	1
Ethylbenzene	0.954		0.0396		mg/Kg		02/13/26 10:04	02/13/26 20:23	20
m-Xylene & p-Xylene	4.65		0.0792		mg/Kg		02/13/26 10:04	02/13/26 20:23	20
o-Xylene	1.50		0.0396		mg/Kg		02/13/26 10:04	02/13/26 20:23	20
Xylenes, Total	6.15		0.0792		mg/Kg		02/13/26 10:04	02/13/26 20:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*384*	*S1+*	*70 - 130*	*02/11/26 09:30*	*02/11/26 18:37*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*02/11/26 09:30*	*02/11/26 18:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.50		0.0792		mg/Kg			02/13/26 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2260		49.6		mg/Kg			02/14/26 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	226		49.6		mg/Kg		02/10/26 09:31	02/14/26 12:19	1
Diesel Range Organics (Over C10-C28)	1920		49.6		mg/Kg		02/10/26 09:31	02/14/26 12:19	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-6-S

Date Collected: 02/04/26 03:10
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-43
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)	115		49.6		mg/Kg		02/10/26 09:31	02/14/26 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:19*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*02/10/26 09:31*	*02/14/26 12:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	874		10.0		mg/Kg			02/10/26 21:18	1

Client Sample ID: SP-6-2'

Date Collected: 02/04/26 03:41
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-44
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/11/26 09:30	02/11/26 18:57	1
Toluene	0.00241		0.00199		mg/Kg		02/11/26 09:30	02/11/26 18:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 09:30	02/11/26 18:57	1
m-Xylene & p-Xylene	0.109		0.00398		mg/Kg		02/11/26 09:30	02/11/26 18:57	1
o-Xylene	1.19		0.0399		mg/Kg		02/13/26 10:04	02/13/26 20:44	20
Xylenes, Total	1.19		0.0798		mg/Kg		02/13/26 10:04	02/13/26 20:44	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*02/11/26 09:30*	*02/11/26 18:57*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/11/26 09:30*	*02/11/26 18:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.30		0.00398		mg/Kg			02/13/26 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/14/26 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	<50.2	U	50.2		mg/Kg		02/10/26 09:31	02/14/26 12:33	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/10/26 09:31	02/14/26 12:33	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/10/26 09:31	02/14/26 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:33*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		9.96		mg/Kg			02/10/26 21:23	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-6-3'
Date Collected: 02/04/26 03:53
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-45
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/11/26 09:30	02/11/26 19:18	1
Toluene	0.00314		0.00198		mg/Kg		02/11/26 09:30	02/11/26 19:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 09:30	02/11/26 19:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 09:30	02/11/26 19:18	1
o-Xylene	0.00323		0.00198		mg/Kg		02/11/26 09:30	02/11/26 19:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 09:30	02/11/26 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/11/26 09:30*	*02/11/26 19:18*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/11/26 09:30*	*02/11/26 19:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00637		0.00396		mg/Kg			02/11/26 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/26 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/26 09:31	02/14/26 12:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/26 09:31	02/14/26 12:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/26 09:31	02/14/26 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:47*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/10/26 09:31*	*02/14/26 12:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.1		9.98		mg/Kg			02/10/26 21:39	1

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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)
880-67886-A-25-A MB	Method Blank	90	103
880-67956-1	HP-1-S	104	102
880-67956-1 MS	HP-1-S	97	99
880-67956-1 MSD	HP-1-S	98	99
880-67956-2	HP-1-1'	103	96
880-67956-3	HP-2-S	101	93
880-67956-4	HP-2-1'	96	99
880-67956-5	HP-3-S	96	100
880-67956-6	HP-3-1'	85	88
880-67956-7	HP-4-S	96	98
880-67956-8	HP-4-1'	96	100
880-67956-9	HP-5-S	96	99
880-67956-10	HP-5-1'	101	96
880-67956-11	HP-6-S	104	98
880-67956-12	HP-6-1'	101	95
880-67956-13	BH-1-S	105	96
880-67956-14	BH-1-1'	85	87
880-67956-15	BH-1-2'	95	95
880-67956-16	BH-1-3'	99	99
880-67956-17	BH-2-S	91	94
880-67956-18	BH-2-1'	114	111
880-67956-19	BH-2-2'	106	112
880-67956-20	BH-2-3'	106	114
880-67956-21	BH-2-4'	102	109
880-67956-21 MS	BH-2-4'	101	109
880-67956-21 MSD	BH-2-4'	106	111
880-67956-22	BH-2-5'	105	109
880-67956-23	BH-2-6'	108	113
880-67956-24	BH-3-S	109	114
880-67956-25	BH-3-1'	99	111
880-67956-26	BH-3-2'	107	112
880-67956-27	BH-3-3'	108	115
880-67956-28	SP-1-S	105	109
880-67956-29	SP-1-2'	109	118
880-67956-30	SP-1-3'	109	116
880-67956-31	SP-2-S	106	116
880-67956-32	SP-2-2'	106	114
880-67956-33	SP-2-3'	105	115
880-67956-34	SP-3-S	104	111
880-67956-35	SP-3-2'	112	117
880-67956-36	SP-3-3'	104	112
880-67956-37	SP-4-S	103	110
880-67956-38	SP-4-2'	107	118
880-67956-39	SP-4-3'	106	115
880-67956-40	SP-5-S	107	111
880-67956-41	SP-5-2'	104	100
880-67956-42	SP-5-3'	105	101
880-67956-43	SP-6-S	384 S1+	106
880-67956-44	SP-6-2'	151 S1+	97

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-67956-45	SP-6-3'	103	100
880-67984-A-12-C MS	Matrix Spike	102	96
880-67984-A-12-D MSD	Matrix Spike Duplicate	98	101
880-68232-A-1-E MS	Matrix Spike	103	112
880-68232-A-1-F MSD	Matrix Spike Duplicate	99	107
880-68250-A-1-B MS	Matrix Spike	108	83
880-68250-A-1-C MSD	Matrix Spike Duplicate	128	80
890-9485-A-1-C MS	Matrix Spike	109	100
890-9485-A-1-D MSD	Matrix Spike Duplicate	106	90
LCS 880-131229/1-A	Lab Control Sample	101	96
LCS 880-131234/1-A	Lab Control Sample	102	120
LCS 880-131445/1-A	Lab Control Sample	99	97
LCS 880-131714/1-A	Lab Control Sample	103	91
LCS 880-131871/1-A	Lab Control Sample	101	113
LCS 880-131873/1-A	Lab Control Sample	101	97
LCSD 880-131229/2-A	Lab Control Sample Dup	106	98
LCSD 880-131234/2-A	Lab Control Sample Dup	100	121
LCSD 880-131445/2-A	Lab Control Sample Dup	99	100
LCSD 880-131714/2-A	Lab Control Sample Dup	104	124
LCSD 880-131871/2-A	Lab Control Sample Dup	105	115
LCSD 880-131873/2-A	Lab Control Sample Dup	98	110
MB 880-131229/5-A	Method Blank	99	95
MB 880-131234/5-A	Method Blank	101	113
MB 880-131445/5-A	Method Blank	99	97
MB 880-131704/5-A	Method Blank	99	95
MB 880-131709/5-A	Method Blank	97	107
MB 880-131714/5-A	Method Blank	105	85
MB 880-131871/5-A	Method Blank	102	113
MB 880-131873/5-A	Method Blank	188 S1+	103

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-67956-1	HP-1-S	102	108
880-67956-1 MS	HP-1-S	115	107
880-67956-1 MSD	HP-1-S	114	106
880-67956-2	HP-1-1'	106	110
880-67956-3	HP-2-S	101	105
880-67956-4	HP-2-1'	203 S1+	208 S1+
880-67956-5	HP-3-S	104	107
880-67956-6	HP-3-1'	101	102
880-67956-7	HP-4-S	97	101
880-67956-8	HP-4-1'	85	87
880-67956-9	HP-5-S	103	105

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-67956-10	HP-5-1'	101	104
880-67956-11	HP-6-S	104	105
880-67956-12	HP-6-1'	98	102
880-67956-13	BH-1-S	112	134 S1+
880-67956-14	BH-1-1'	100	104
880-67956-15	BH-1-2'	96	101
880-67956-16	BH-1-3'	100	104
880-67956-17	BH-2-S	99	105
880-67956-18	BH-2-1'	104	109
880-67956-19	BH-2-2'	104	109
880-67956-20	BH-2-3'	98	103
880-67956-21	BH-2-4'	105	116
880-67956-21 MS	BH-2-4'	121	111
880-67956-21 MSD	BH-2-4'	120	113
880-67956-22	BH-2-5'	108	111
880-67956-23	BH-2-6'	96	100
880-67956-24	BH-3-S	107	121
880-67956-25	BH-3-1'	107	109
880-67956-26	BH-3-2'	108	109
880-67956-27	BH-3-3'	123	126
880-67956-28	SP-1-S	113	118
880-67956-29	SP-1-2'	110	113
880-67956-30	SP-1-3'	97	101
880-67956-31	SP-2-S	111	117
880-67956-32	SP-2-2'	96	106
880-67956-33	SP-2-3'	102	106
880-67956-34	SP-3-S	103	109
880-67956-35	SP-3-2'	101	106
880-67956-36	SP-3-3'	103	110
880-67956-37	SP-4-S	100	106
880-67956-38	SP-4-2'	99	107
880-67956-39	SP-4-3'	100	108
880-67956-40	SP-5-S	98	107
880-67956-41	SP-5-2'	91	105
880-67956-41 MS	SP-5-2'	102	101
880-67956-41 MSD	SP-5-2'	103	102
880-67956-42	SP-5-3'	89	102
880-67956-43	SP-6-S	114	140 S1+
880-67956-44	SP-6-2'	91	103
880-67956-45	SP-6-3'	91	103
LCS 880-131360/2-A	Lab Control Sample	111	100
LCS 880-131361/2-A	Lab Control Sample	97	93
LCS 880-131362/2-A	Lab Control Sample	116	113
LCSD 880-131360/3-A	Lab Control Sample Dup	99	93
LCSD 880-131361/3-A	Lab Control Sample Dup	93	88
LCSD 880-131362/3-A	Lab Control Sample Dup	117	111
MB 880-131360/1-A	Method Blank	88	87
MB 880-131361/1-A	Method Blank	98	96
MB 880-131362/1-A	Method Blank	84	92

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131229/5-A
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131229

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/26 12:43	02/13/26 23:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:43	02/13/26 23:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/09/26 12:43	02/13/26 23:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/09/26 12:43*	*02/13/26 23:13*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/09/26 12:43*	*02/13/26 23:13*	*1*

Lab Sample ID: LCS 880-131229/1-A
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131229

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09531		mg/Kg		95	70 - 130
Toluene	0.100	0.1059		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.09281		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1916		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09566		mg/Kg		96	70 - 130

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

Lab Sample ID: LCSD 880-131229/2-A
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131229

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09814		mg/Kg		98	70 - 130	3	35
Toluene	0.100	0.1086		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.09584		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1976		mg/Kg		99	70 - 130	3	35
o-Xylene	0.100	0.09778		mg/Kg		98	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-67956-1 MS
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: HP-1-S
Prep Type: Total/NA
Prep Batch: 131229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08272		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.08239		mg/Kg		82	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: 880-67956-1 MS
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: HP-1-S
Prep Type: Total/NA
Prep Batch: 131229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.06508	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1401		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.07132		mg/Kg		71	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-67956-1 MSD
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: HP-1-S
Prep Type: Total/NA
Prep Batch: 131229

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	0.09094		mg/Kg		91	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.09347		mg/Kg		93	70 - 130	13	35
Ethylbenzene	<0.00200	U F1	0.100	0.07437		mg/Kg		74	70 - 130	13	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1600		mg/Kg		80	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.08072		mg/Kg		81	70 - 130	12	35

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

Lab Sample ID: MB 880-131234/5-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/13/26 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/13/26 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/13/26 22:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/26 12:47	02/13/26 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/26 12:47	02/13/26 22:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/09/26 12:47	02/13/26 22:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/09/26 12:47*	*02/13/26 22:50*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/09/26 12:47*	*02/13/26 22:50*	*1*

Lab Sample ID: LCS 880-131234/1-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1070		mg/Kg		107	70 - 130
Toluene	0.100	0.09693		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.1978		mg/Kg		99	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-131234/1-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09693		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*

Lab Sample ID: LCSD 880-131234/2-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131234

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09816		mg/Kg		98	70 - 130	9	35
Toluene	0.100	0.08746		mg/Kg		87	70 - 130	10	35
Ethylbenzene	0.100	0.09449		mg/Kg		94	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1824		mg/Kg		91	70 - 130	8	35
o-Xylene	0.100	0.08813		mg/Kg		88	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*

Lab Sample ID: 880-67956-21 MS
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: BH-2-4'
Prep Type: Total/NA
Prep Batch: 131234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.08534		mg/Kg		85	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.07898		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08243		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1607		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.07569		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-67956-21 MSD
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: BH-2-4'
Prep Type: Total/NA
Prep Batch: 131234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.03934	F1 F2	mg/Kg		39	70 - 130	74	35
Toluene	<0.00200	U F1 F2	0.100	0.03799	F1 F2	mg/Kg		38	70 - 130	70	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.04080	F1 F2	mg/Kg		41	70 - 130	68	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.07889	F1 F2	mg/Kg		39	70 - 130	68	35
o-Xylene	<0.00200	U F1 F2	0.100	0.04071	F1 F2	mg/Kg		41	70 - 130	60	35

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: 880-67956-21 MSD
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: BH-2-4'
Prep Type: Total/NA
Prep Batch: 131234

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-67886-A-25-A MB
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 16:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 16:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 16:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 09:30	02/11/26 16:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 16:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 09:30	02/11/26 16:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*02/11/26 09:30*	*02/11/26 16:51*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/11/26 09:30*	*02/11/26 16:51*	*1*

Lab Sample ID: MB 880-131445/5-A
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 09:30	02/11/26 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:30	02/11/26 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 09:30	02/11/26 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/11/26 09:30*	*02/11/26 11:50*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/11/26 09:30*	*02/11/26 11:50*	*1*

Lab Sample ID: LCS 880-131445/1-A
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08351		mg/Kg		84	70 - 130
Toluene	0.100	0.07895		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.08615		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1714		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08746		mg/Kg		87	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-131445/1-A
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131445

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-131445/2-A
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09069		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08328		mg/Kg		83	70 - 130	5	35
Ethylbenzene	0.100	0.09097		mg/Kg		91	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1800		mg/Kg		90	70 - 130	5	35
o-Xylene	0.100	0.09157		mg/Kg		92	70 - 130	5	35

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

Lab Sample ID: 880-67984-A-12-C MS
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08281		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.07389		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08255		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1655		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08211		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-67984-A-12-D MSD
Matrix: Solid
Analysis Batch: 131430

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131445

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	0.09027		mg/Kg		90	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.07942		mg/Kg		79	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.08499		mg/Kg		85	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1688		mg/Kg		84	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08440		mg/Kg		84	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: MB 880-131704/5-A
Matrix: Solid
Analysis Batch: 131692

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 08:28	02/13/26 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 08:28	02/13/26 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 08:28	02/13/26 12:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 08:28	02/13/26 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 08:28	02/13/26 12:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 08:28	02/13/26 12:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/13/26 08:28*	*02/13/26 12:15*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/13/26 08:28*	*02/13/26 12:15*	*1*

Lab Sample ID: MB 880-131709/5-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:10*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:10*	*1*

Lab Sample ID: MB 880-131714/5-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 10:04	02/13/26 12:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 10:04	02/13/26 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/13/26 10:04*	*02/13/26 12:40*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/13/26 10:04*	*02/13/26 12:40*	*1*

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-131714/1-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09356		mg/Kg		94	70 - 130
Toluene	0.100	0.08502		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08337		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1759		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09564		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-131714/2-A
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08985		mg/Kg		90	70 - 130	4	35
Toluene	0.100	0.08754		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.08514		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09844		mg/Kg		98	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*

Lab Sample ID: 890-9485-A-1-C MS
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09728		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08942		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08446		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1810		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09746		mg/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-9485-A-1-D MSD
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131714

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	0.09783		mg/Kg		98	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09042		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.08600		mg/Kg		86	70 - 130	2	35

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: 890-9485-A-1-D MSD
Matrix: Solid
Analysis Batch: 131688

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1826		mg/Kg		91	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09808		mg/Kg		98	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 880-131871/5-A
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 08:00	02/16/26 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 08:00	02/16/26 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/16/26 08:00*	*02/16/26 10:52*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/16/26 08:00*	*02/16/26 10:52*	*1*

Lab Sample ID: LCS 880-131871/1-A
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131871

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08912		mg/Kg		89	70 - 130
Toluene	0.100	0.08605		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.09447		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1847		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09021		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-131871/2-A
Matrix: Solid
Analysis Batch: 131866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131871

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08657		mg/Kg		87	70 - 130	3	35
Toluene	0.100	0.08449		mg/Kg		84	70 - 130	2	35
Ethylbenzene	0.100	0.09408		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130	2	35
o-Xylene	0.100	0.08591		mg/Kg		86	70 - 130	5	35

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-68232-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131866 — **Prep Batch: 131871**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08049		mg/Kg		80	70 - 130
Toluene	<0.00200	U	0.100	0.07714		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08727		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1668		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08103		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-68232-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131866 — **Prep Batch: 131871**

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	0.08234		mg/Kg		82	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.07987		mg/Kg		80	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08776		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1696		mg/Kg		85	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08275		mg/Kg		83	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-131873/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131867 — **Prep Batch: 131873**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/16/26 09:05	02/16/26 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/16/26 09:05	02/16/26 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130	02/16/26 09:05	02/16/26 11:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/16/26 09:05	02/16/26 11:07	1

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-131873/1-A
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1000		mg/Kg		100	70 - 130
Toluene	0.100	0.1012		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09210		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.2152		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1204		mg/Kg		120	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-131873/2-A
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1033		mg/Kg		103	70 - 130	3	35
Toluene	0.100	0.09139		mg/Kg		91	70 - 130	10	35
Ethylbenzene	0.100	0.08647		mg/Kg		86	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2007		mg/Kg		100	70 - 130	7	35
o-Xylene	0.100	0.1187		mg/Kg		119	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 880-68250-A-1-B MS
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08052		mg/Kg		81	70 - 130
Toluene	<0.00200	U	0.100	0.08476		mg/Kg		85	70 - 130
Ethylbenzene	0.00307		0.100	0.07706		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1558		mg/Kg		78	70 - 130
o-Xylene	0.00259		0.100	0.1003		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: 880-68250-A-1-C MSD
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131873

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	0.07417		mg/Kg		74	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08567		mg/Kg		86	70 - 130	1	35
Ethylbenzene	0.00307		0.100	0.08567		mg/Kg		83	70 - 130	11	35

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: 880-68250-A-1-C MSD
Matrix: Solid
Analysis Batch: 131867

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1864		mg/Kg		93	70 - 130	18	35
o-Xylene	0.00259		0.100	0.09279		mg/Kg		90	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*

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

Lab Sample ID: MB 880-131360/1-A
Matrix: Solid
Analysis Batch: 131816

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/26 09:25	02/14/26 06:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*02/10/26 09:25*	*02/14/26 06:12*	*1*
o-Terphenyl	*87*		*70 - 130*	*02/10/26 09:25*	*02/14/26 06:12*	*1*

Lab Sample ID: LCS 880-131360/2-A
Matrix: Solid
Analysis Batch: 131816

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	961.9		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: LCSD 880-131360/3-A
Matrix: Solid
Analysis Batch: 131816

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	896.4		mg/Kg		90	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130	6	20

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: LCSD 880-131360/3-A
Matrix: Solid
Analysis Batch: 131816

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131360

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-67956-1 MS
Matrix: Solid
Analysis Batch: 131816

Client Sample ID: HP-1-S
Prep Type: Total/NA
Prep Batch: 131360

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1010	1052		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	981.7		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-67956-1 MSD
Matrix: Solid
Analysis Batch: 131816

Client Sample ID: HP-1-S
Prep Type: Total/NA
Prep Batch: 131360

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	<49.7	U	1010	1066		mg/Kg		106	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	972.5		mg/Kg		97	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: MB 880-131361/1-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 16:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/26 09:28	02/13/26 16:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	02/10/26 09:28	02/13/26 16:45	1
o-Terphenyl	96		70 - 130	02/10/26 09:28	02/13/26 16:45	1

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-131361/2-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	878.5		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1016		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: LCSD 880-131361/3-A
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	890.7		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	949.7		mg/Kg		95	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Lab Sample ID: 880-67956-21 MS
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: BH-2-4'
Prep Type: Total/NA
Prep Batch: 131361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1010	857.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	760.1		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-67956-21 MSD
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: BH-2-4'
Prep Type: Total/NA
Prep Batch: 131361

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	<49.7	U	1010	808.5		mg/Kg		80	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.7	U	1010	733.8		mg/Kg		73	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*120*		*70 - 130*

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: 880-67956-21 MSD
Matrix: Solid
Analysis Batch: 131697

Client Sample ID: BH-2-4'
Prep Type: Total/NA
Prep Batch: 131361

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	113		70 - 130

Lab Sample ID: MB 880-131362/1-A
Matrix: Solid
Analysis Batch: 131814

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/26 09:31	02/14/26 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/26 09:31	02/14/26 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/26 09:31	02/14/26 06:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	02/10/26 09:31	02/14/26 06:12	1
o-Terphenyl	92		70 - 130	02/10/26 09:31	02/14/26 06:12	1

Lab Sample ID: LCS 880-131362/2-A
Matrix: Solid
Analysis Batch: 131814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1022		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	970.1		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: LCSD 880-131362/3-A
Matrix: Solid
Analysis Batch: 131814

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131362

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	970.1		mg/Kg		97	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	111		70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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

Lab Sample ID: 880-67956-41 MS
Matrix: Solid
Analysis Batch: 131814

Client Sample ID: SP-5-2'
Prep Type: Total/NA
Prep Batch: 131362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	1010	872.7		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U F1	1010	670.1	F1	mg/Kg		65	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Lab Sample ID: 880-67956-41 MSD
Matrix: Solid
Analysis Batch: 131814

Client Sample ID: SP-5-2'
Prep Type: Total/NA
Prep Batch: 131362

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	<49.7	U	1010	880.6		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U F1	1010	677.6	F1	mg/Kg		66	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131325/1-A
Matrix: Solid
Analysis Batch: 131408

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			02/10/26 21:26	1

Lab Sample ID: LCS 880-131325/2-A
Matrix: Solid
Analysis Batch: 131408

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.2		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-131325/3-A
Matrix: Solid
Analysis Batch: 131408

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	229.7		mg/Kg		92	90 - 110	0	20

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-67956-20 MS
Matrix: Solid
Analysis Batch: 131408

Client Sample ID: BH-2-3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4240		2500	6675		mg/Kg		98	90 - 110

Lab Sample ID: 880-67956-20 MSD
Matrix: Solid
Analysis Batch: 131408

Client Sample ID: BH-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	4240		2500	6722		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-67956-30 MS
Matrix: Solid
Analysis Batch: 131408

Client Sample ID: SP-1-3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	821	F1	248	1018	F1	mg/Kg		79	90 - 110

Lab Sample ID: 880-67956-30 MSD
Matrix: Solid
Analysis Batch: 131408

Client Sample ID: SP-1-3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	821	F1	248	1020	F1	mg/Kg		80	90 - 110	0	20

Lab Sample ID: MB 880-131404/1-A
Matrix: Solid
Analysis Batch: 131409

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			02/10/26 20:36	1

Lab Sample ID: LCS 880-131404/2-A
Matrix: Solid
Analysis Batch: 131409

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.6		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-131404/3-A
Matrix: Solid
Analysis Batch: 131409

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	228.3		mg/Kg		91	90 - 110	2	20

Lab Sample ID: 880-67956-40 MS
Matrix: Solid
Analysis Batch: 131409

Client Sample ID: SP-5-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1830	F1	1240	3257	F1	mg/Kg		115	90 - 110

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-67956-40 MSD
Matrix: Solid
Analysis Batch: 131409

Client Sample ID: SP-5-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1830	F1	1240	3232	F1	mg/Kg		113	90 - 110	1	20

Lab Sample ID: MB 880-131324/1-A
Matrix: Solid
Analysis Batch: 131412

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			02/10/26 21:09	1

Lab Sample ID: LCS 880-131324/2-A
Matrix: Solid
Analysis Batch: 131412

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.1		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-131324/3-A
Matrix: Solid
Analysis Batch: 131412

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	239.6		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-67956-10 MS
Matrix: Solid
Analysis Batch: 131412

Client Sample ID: HP-5-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	29.1		249	279.2		mg/Kg		100	90 - 110

Lab Sample ID: 880-67956-10 MSD
Matrix: Solid
Analysis Batch: 131412

Client Sample ID: HP-5-1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	29.1		249	280.0		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC VOA

Prep Batch: 131229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Total/NA	Solid	5035	
880-67956-2	HP-1-1'	Total/NA	Solid	5035	
880-67956-3	HP-2-S	Total/NA	Solid	5035	
880-67956-4	HP-2-1'	Total/NA	Solid	5035	
880-67956-5	HP-3-S	Total/NA	Solid	5035	
880-67956-6	HP-3-1'	Total/NA	Solid	5035	
880-67956-7	HP-4-S	Total/NA	Solid	5035	
880-67956-8	HP-4-1'	Total/NA	Solid	5035	
880-67956-9	HP-5-S	Total/NA	Solid	5035	
880-67956-10	HP-5-1'	Total/NA	Solid	5035	
880-67956-11	HP-6-S	Total/NA	Solid	5035	
880-67956-12	HP-6-1'	Total/NA	Solid	5035	
880-67956-13	BH-1-S	Total/NA	Solid	5035	
880-67956-14	BH-1-1'	Total/NA	Solid	5035	
880-67956-15	BH-1-2'	Total/NA	Solid	5035	
880-67956-16	BH-1-3'	Total/NA	Solid	5035	
MB 880-131229/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131229/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131229/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67956-1 MS	HP-1-S	Total/NA	Solid	5035	
880-67956-1 MSD	HP-1-S	Total/NA	Solid	5035	

Prep Batch: 131234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-21	BH-2-4'	Total/NA	Solid	5035	
880-67956-22	BH-2-5'	Total/NA	Solid	5035	
880-67956-23	BH-2-6'	Total/NA	Solid	5035	
880-67956-24	BH-3-S	Total/NA	Solid	5035	
880-67956-25	BH-3-1'	Total/NA	Solid	5035	
880-67956-26	BH-3-2'	Total/NA	Solid	5035	
880-67956-27	BH-3-3'	Total/NA	Solid	5035	
880-67956-28	SP-1-S	Total/NA	Solid	5035	
880-67956-29	SP-1-2'	Total/NA	Solid	5035	
880-67956-30	SP-1-3'	Total/NA	Solid	5035	
880-67956-31	SP-2-S	Total/NA	Solid	5035	
880-67956-32	SP-2-2'	Total/NA	Solid	5035	
880-67956-33	SP-2-3'	Total/NA	Solid	5035	
880-67956-34	SP-3-S	Total/NA	Solid	5035	
880-67956-35	SP-3-2'	Total/NA	Solid	5035	
880-67956-36	SP-3-3'	Total/NA	Solid	5035	
880-67956-37	SP-4-S	Total/NA	Solid	5035	
880-67956-38	SP-4-2'	Total/NA	Solid	5035	
880-67956-39	SP-4-3'	Total/NA	Solid	5035	
880-67956-40	SP-5-S	Total/NA	Solid	5035	
MB 880-131234/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131234/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131234/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67956-21 MS	BH-2-4'	Total/NA	Solid	5035	
880-67956-21 MSD	BH-2-4'	Total/NA	Solid	5035	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC VOA

Analysis Batch: 131430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-41	SP-5-2'	Total/NA	Solid	8021B	131445
880-67956-42	SP-5-3'	Total/NA	Solid	8021B	131445
880-67956-43	SP-6-S	Total/NA	Solid	8021B	131445
880-67956-44	SP-6-2'	Total/NA	Solid	8021B	131445
880-67956-45	SP-6-3'	Total/NA	Solid	8021B	131445
880-67886-A-25-A MB	Method Blank	Total/NA	Solid	8021B	131445
MB 880-131445/5-A	Method Blank	Total/NA	Solid	8021B	131445
LCS 880-131445/1-A	Lab Control Sample	Total/NA	Solid	8021B	131445
LCSD 880-131445/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131445
880-67984-A-12-C MS	Matrix Spike	Total/NA	Solid	8021B	131445
880-67984-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131445

Prep Batch: 131445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-41	SP-5-2'	Total/NA	Solid	5035	
880-67956-42	SP-5-3'	Total/NA	Solid	5035	
880-67956-43	SP-6-S	Total/NA	Solid	5035	
880-67956-44	SP-6-2'	Total/NA	Solid	5035	
880-67956-45	SP-6-3'	Total/NA	Solid	5035	
880-67886-A-25-A MB	Method Blank	Total/NA	Solid	5035	
MB 880-131445/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131445/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131445/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67984-A-12-C MS	Matrix Spike	Total/NA	Solid	5035	
880-67984-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Total/NA	Solid	Total BTEX	
880-67956-2	HP-1-1'	Total/NA	Solid	Total BTEX	
880-67956-3	HP-2-S	Total/NA	Solid	Total BTEX	
880-67956-4	HP-2-1'	Total/NA	Solid	Total BTEX	
880-67956-5	HP-3-S	Total/NA	Solid	Total BTEX	
880-67956-6	HP-3-1'	Total/NA	Solid	Total BTEX	
880-67956-7	HP-4-S	Total/NA	Solid	Total BTEX	
880-67956-8	HP-4-1'	Total/NA	Solid	Total BTEX	
880-67956-9	HP-5-S	Total/NA	Solid	Total BTEX	
880-67956-10	HP-5-1'	Total/NA	Solid	Total BTEX	
880-67956-11	HP-6-S	Total/NA	Solid	Total BTEX	
880-67956-12	HP-6-1'	Total/NA	Solid	Total BTEX	
880-67956-13	BH-1-S	Total/NA	Solid	Total BTEX	
880-67956-14	BH-1-1'	Total/NA	Solid	Total BTEX	
880-67956-15	BH-1-2'	Total/NA	Solid	Total BTEX	
880-67956-16	BH-1-3'	Total/NA	Solid	Total BTEX	
880-67956-17	BH-2-S	Total/NA	Solid	Total BTEX	
880-67956-18	BH-2-1'	Total/NA	Solid	Total BTEX	
880-67956-19	BH-2-2'	Total/NA	Solid	Total BTEX	
880-67956-20	BH-2-3'	Total/NA	Solid	Total BTEX	
880-67956-21	BH-2-4'	Total/NA	Solid	Total BTEX	
880-67956-22	BH-2-5'	Total/NA	Solid	Total BTEX	
880-67956-23	BH-2-6'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC VOA (Continued)

Analysis Batch: 131658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-24	BH-3-S	Total/NA	Solid	Total BTEX	
880-67956-25	BH-3-1'	Total/NA	Solid	Total BTEX	
880-67956-26	BH-3-2'	Total/NA	Solid	Total BTEX	
880-67956-27	BH-3-3'	Total/NA	Solid	Total BTEX	
880-67956-28	SP-1-S	Total/NA	Solid	Total BTEX	
880-67956-29	SP-1-2'	Total/NA	Solid	Total BTEX	
880-67956-30	SP-1-3'	Total/NA	Solid	Total BTEX	
880-67956-31	SP-2-S	Total/NA	Solid	Total BTEX	
880-67956-32	SP-2-2'	Total/NA	Solid	Total BTEX	
880-67956-33	SP-2-3'	Total/NA	Solid	Total BTEX	
880-67956-34	SP-3-S	Total/NA	Solid	Total BTEX	
880-67956-35	SP-3-2'	Total/NA	Solid	Total BTEX	
880-67956-36	SP-3-3'	Total/NA	Solid	Total BTEX	
880-67956-37	SP-4-S	Total/NA	Solid	Total BTEX	
880-67956-38	SP-4-2'	Total/NA	Solid	Total BTEX	
880-67956-39	SP-4-3'	Total/NA	Solid	Total BTEX	
880-67956-40	SP-5-S	Total/NA	Solid	Total BTEX	
880-67956-41	SP-5-2'	Total/NA	Solid	Total BTEX	
880-67956-42	SP-5-3'	Total/NA	Solid	Total BTEX	
880-67956-43	SP-6-S	Total/NA	Solid	Total BTEX	
880-67956-44	SP-6-2'	Total/NA	Solid	Total BTEX	
880-67956-45	SP-6-3'	Total/NA	Solid	Total BTEX	

Analysis Batch: 131688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-43	SP-6-S	Total/NA	Solid	8021B	131714
880-67956-44	SP-6-2'	Total/NA	Solid	8021B	131714
MB 880-131714/5-A	Method Blank	Total/NA	Solid	8021B	131714
LCS 880-131714/1-A	Lab Control Sample	Total/NA	Solid	8021B	131714
LCSD 880-131714/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131714
890-9485-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	131714
890-9485-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131714

Analysis Batch: 131691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-21	BH-2-4'	Total/NA	Solid	8021B	131234
880-67956-22	BH-2-5'	Total/NA	Solid	8021B	131234
880-67956-23	BH-2-6'	Total/NA	Solid	8021B	131234
880-67956-24	BH-3-S	Total/NA	Solid	8021B	131234
880-67956-25	BH-3-1'	Total/NA	Solid	8021B	131234
880-67956-26	BH-3-2'	Total/NA	Solid	8021B	131234
880-67956-27	BH-3-3'	Total/NA	Solid	8021B	131234
880-67956-28	SP-1-S	Total/NA	Solid	8021B	131234
880-67956-29	SP-1-2'	Total/NA	Solid	8021B	131234
880-67956-30	SP-1-3'	Total/NA	Solid	8021B	131234
880-67956-31	SP-2-S	Total/NA	Solid	8021B	131234
880-67956-32	SP-2-2'	Total/NA	Solid	8021B	131234
880-67956-33	SP-2-3'	Total/NA	Solid	8021B	131234
880-67956-34	SP-3-S	Total/NA	Solid	8021B	131234
880-67956-35	SP-3-2'	Total/NA	Solid	8021B	131234
880-67956-36	SP-3-3'	Total/NA	Solid	8021B	131234

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC VOA (Continued)

Analysis Batch: 131691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-37	SP-4-S	Total/NA	Solid	8021B	131234
880-67956-38	SP-4-2'	Total/NA	Solid	8021B	131234
880-67956-39	SP-4-3'	Total/NA	Solid	8021B	131234
880-67956-40	SP-5-S	Total/NA	Solid	8021B	131234
MB 880-131234/5-A	Method Blank	Total/NA	Solid	8021B	131234
MB 880-131709/5-A	Method Blank	Total/NA	Solid	8021B	131709
LCS 880-131234/1-A	Lab Control Sample	Total/NA	Solid	8021B	131234
LCSD 880-131234/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131234
880-67956-21 MS	BH-2-4'	Total/NA	Solid	8021B	131234
880-67956-21 MSD	BH-2-4'	Total/NA	Solid	8021B	131234

Analysis Batch: 131692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Total/NA	Solid	8021B	131229
880-67956-2	HP-1-1'	Total/NA	Solid	8021B	131229
880-67956-3	HP-2-S	Total/NA	Solid	8021B	131229
880-67956-4	HP-2-1'	Total/NA	Solid	8021B	131229
880-67956-5	HP-3-S	Total/NA	Solid	8021B	131229
880-67956-6	HP-3-1'	Total/NA	Solid	8021B	131229
880-67956-7	HP-4-S	Total/NA	Solid	8021B	131229
880-67956-8	HP-4-1'	Total/NA	Solid	8021B	131229
880-67956-9	HP-5-S	Total/NA	Solid	8021B	131229
880-67956-10	HP-5-1'	Total/NA	Solid	8021B	131229
880-67956-11	HP-6-S	Total/NA	Solid	8021B	131229
880-67956-12	HP-6-1'	Total/NA	Solid	8021B	131229
880-67956-13	BH-1-S	Total/NA	Solid	8021B	131229
880-67956-14	BH-1-1'	Total/NA	Solid	8021B	131229
880-67956-15	BH-1-2'	Total/NA	Solid	8021B	131229
880-67956-16	BH-1-3'	Total/NA	Solid	8021B	131229
MB 880-131229/5-A	Method Blank	Total/NA	Solid	8021B	131229
MB 880-131704/5-A	Method Blank	Total/NA	Solid	8021B	131704
LCS 880-131229/1-A	Lab Control Sample	Total/NA	Solid	8021B	131229
LCSD 880-131229/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131229
880-67956-1 MS	HP-1-S	Total/NA	Solid	8021B	131229
880-67956-1 MSD	HP-1-S	Total/NA	Solid	8021B	131229

Prep Batch: 131704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131704/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 131709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131709/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 131714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-43	SP-6-S	Total/NA	Solid	5035	
880-67956-44	SP-6-2'	Total/NA	Solid	5035	
MB 880-131714/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131714/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131714/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC VOA (Continued)

Prep Batch: 131714 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9485-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9485-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-18	BH-2-1'	Total/NA	Solid	8021B	131871
880-67956-19	BH-2-2'	Total/NA	Solid	8021B	131871
880-67956-20	BH-2-3'	Total/NA	Solid	8021B	131871
MB 880-131871/5-A	Method Blank	Total/NA	Solid	8021B	131871
LCS 880-131871/1-A	Lab Control Sample	Total/NA	Solid	8021B	131871
LCSD 880-131871/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131871
880-68232-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	131871
880-68232-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131871

Analysis Batch: 131867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-17	BH-2-S	Total/NA	Solid	8021B	131873
MB 880-131873/5-A	Method Blank	Total/NA	Solid	8021B	131873
LCS 880-131873/1-A	Lab Control Sample	Total/NA	Solid	8021B	131873
LCSD 880-131873/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131873
880-68250-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	131873
880-68250-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131873

Prep Batch: 131871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-18	BH-2-1'	Total/NA	Solid	5035	
880-67956-19	BH-2-2'	Total/NA	Solid	5035	
880-67956-20	BH-2-3'	Total/NA	Solid	5035	
MB 880-131871/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131871/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131871/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68232-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68232-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 131873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-17	BH-2-S	Total/NA	Solid	5035	
MB 880-131873/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131873/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131873/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68250-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-68250-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 131360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Total/NA	Solid	8015NM Prep	
880-67956-2	HP-1-1'	Total/NA	Solid	8015NM Prep	
880-67956-3	HP-2-S	Total/NA	Solid	8015NM Prep	
880-67956-4	HP-2-1'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC Semi VOA (Continued)

Prep Batch: 131360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-5	HP-3-S	Total/NA	Solid	8015NM Prep	
880-67956-6	HP-3-1'	Total/NA	Solid	8015NM Prep	
880-67956-7	HP-4-S	Total/NA	Solid	8015NM Prep	
880-67956-8	HP-4-1'	Total/NA	Solid	8015NM Prep	
880-67956-9	HP-5-S	Total/NA	Solid	8015NM Prep	
880-67956-10	HP-5-1'	Total/NA	Solid	8015NM Prep	
880-67956-11	HP-6-S	Total/NA	Solid	8015NM Prep	
880-67956-12	HP-6-1'	Total/NA	Solid	8015NM Prep	
880-67956-13	BH-1-S	Total/NA	Solid	8015NM Prep	
880-67956-14	BH-1-1'	Total/NA	Solid	8015NM Prep	
880-67956-15	BH-1-2'	Total/NA	Solid	8015NM Prep	
880-67956-16	BH-1-3'	Total/NA	Solid	8015NM Prep	
880-67956-17	BH-2-S	Total/NA	Solid	8015NM Prep	
880-67956-18	BH-2-1'	Total/NA	Solid	8015NM Prep	
880-67956-19	BH-2-2'	Total/NA	Solid	8015NM Prep	
880-67956-20	BH-2-3'	Total/NA	Solid	8015NM Prep	
MB 880-131360/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131360/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131360/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67956-1 MS	HP-1-S	Total/NA	Solid	8015NM Prep	
880-67956-1 MSD	HP-1-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 131361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-21	BH-2-4'	Total/NA	Solid	8015NM Prep	
880-67956-22	BH-2-5'	Total/NA	Solid	8015NM Prep	
880-67956-23	BH-2-6'	Total/NA	Solid	8015NM Prep	
880-67956-24	BH-3-S	Total/NA	Solid	8015NM Prep	
880-67956-25	BH-3-1'	Total/NA	Solid	8015NM Prep	
880-67956-26	BH-3-2'	Total/NA	Solid	8015NM Prep	
880-67956-27	BH-3-3'	Total/NA	Solid	8015NM Prep	
880-67956-28	SP-1-S	Total/NA	Solid	8015NM Prep	
880-67956-29	SP-1-2'	Total/NA	Solid	8015NM Prep	
880-67956-30	SP-1-3'	Total/NA	Solid	8015NM Prep	
880-67956-31	SP-2-S	Total/NA	Solid	8015NM Prep	
880-67956-32	SP-2-2'	Total/NA	Solid	8015NM Prep	
880-67956-33	SP-2-3'	Total/NA	Solid	8015NM Prep	
880-67956-34	SP-3-S	Total/NA	Solid	8015NM Prep	
880-67956-35	SP-3-2'	Total/NA	Solid	8015NM Prep	
880-67956-36	SP-3-3'	Total/NA	Solid	8015NM Prep	
880-67956-37	SP-4-S	Total/NA	Solid	8015NM Prep	
880-67956-38	SP-4-2'	Total/NA	Solid	8015NM Prep	
880-67956-39	SP-4-3'	Total/NA	Solid	8015NM Prep	
880-67956-40	SP-5-S	Total/NA	Solid	8015NM Prep	
MB 880-131361/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131361/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131361/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67956-21 MS	BH-2-4'	Total/NA	Solid	8015NM Prep	
880-67956-21 MSD	BH-2-4'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC Semi VOA

Prep Batch: 131362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-41	SP-5-2'	Total/NA	Solid	8015NM Prep	
880-67956-42	SP-5-3'	Total/NA	Solid	8015NM Prep	
880-67956-43	SP-6-S	Total/NA	Solid	8015NM Prep	
880-67956-44	SP-6-2'	Total/NA	Solid	8015NM Prep	
880-67956-45	SP-6-3'	Total/NA	Solid	8015NM Prep	
MB 880-131362/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131362/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67956-41 MS	SP-5-2'	Total/NA	Solid	8015NM Prep	
880-67956-41 MSD	SP-5-2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-21	BH-2-4'	Total/NA	Solid	8015B NM	131361
880-67956-22	BH-2-5'	Total/NA	Solid	8015B NM	131361
880-67956-23	BH-2-6'	Total/NA	Solid	8015B NM	131361
880-67956-24	BH-3-S	Total/NA	Solid	8015B NM	131361
880-67956-25	BH-3-1'	Total/NA	Solid	8015B NM	131361
880-67956-26	BH-3-2'	Total/NA	Solid	8015B NM	131361
880-67956-27	BH-3-3'	Total/NA	Solid	8015B NM	131361
880-67956-28	SP-1-S	Total/NA	Solid	8015B NM	131361
880-67956-29	SP-1-2'	Total/NA	Solid	8015B NM	131361
880-67956-30	SP-1-3'	Total/NA	Solid	8015B NM	131361
880-67956-31	SP-2-S	Total/NA	Solid	8015B NM	131361
880-67956-32	SP-2-2'	Total/NA	Solid	8015B NM	131361
880-67956-33	SP-2-3'	Total/NA	Solid	8015B NM	131361
880-67956-34	SP-3-S	Total/NA	Solid	8015B NM	131361
880-67956-35	SP-3-2'	Total/NA	Solid	8015B NM	131361
880-67956-36	SP-3-3'	Total/NA	Solid	8015B NM	131361
880-67956-37	SP-4-S	Total/NA	Solid	8015B NM	131361
880-67956-38	SP-4-2'	Total/NA	Solid	8015B NM	131361
880-67956-39	SP-4-3'	Total/NA	Solid	8015B NM	131361
880-67956-40	SP-5-S	Total/NA	Solid	8015B NM	131361
MB 880-131361/1-A	Method Blank	Total/NA	Solid	8015B NM	131361
LCS 880-131361/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131361
LCSD 880-131361/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131361
880-67956-21 MS	BH-2-4'	Total/NA	Solid	8015B NM	131361
880-67956-21 MSD	BH-2-4'	Total/NA	Solid	8015B NM	131361

Analysis Batch: 131814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-41	SP-5-2'	Total/NA	Solid	8015B NM	131362
880-67956-42	SP-5-3'	Total/NA	Solid	8015B NM	131362
880-67956-43	SP-6-S	Total/NA	Solid	8015B NM	131362
880-67956-44	SP-6-2'	Total/NA	Solid	8015B NM	131362
880-67956-45	SP-6-3'	Total/NA	Solid	8015B NM	131362
MB 880-131362/1-A	Method Blank	Total/NA	Solid	8015B NM	131362
LCS 880-131362/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131362
LCSD 880-131362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131362
880-67956-41 MS	SP-5-2'	Total/NA	Solid	8015B NM	131362
880-67956-41 MSD	SP-5-2'	Total/NA	Solid	8015B NM	131362

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Total/NA	Solid	8015B NM	131360
880-67956-2	HP-1-1'	Total/NA	Solid	8015B NM	131360
880-67956-3	HP-2-S	Total/NA	Solid	8015B NM	131360
880-67956-4	HP-2-1'	Total/NA	Solid	8015B NM	131360
880-67956-5	HP-3-S	Total/NA	Solid	8015B NM	131360
880-67956-6	HP-3-1'	Total/NA	Solid	8015B NM	131360
880-67956-7	HP-4-S	Total/NA	Solid	8015B NM	131360
880-67956-8	HP-4-1'	Total/NA	Solid	8015B NM	131360
880-67956-9	HP-5-S	Total/NA	Solid	8015B NM	131360
880-67956-10	HP-5-1'	Total/NA	Solid	8015B NM	131360
880-67956-11	HP-6-S	Total/NA	Solid	8015B NM	131360
880-67956-12	HP-6-1'	Total/NA	Solid	8015B NM	131360
880-67956-13	BH-1-S	Total/NA	Solid	8015B NM	131360
880-67956-14	BH-1-1'	Total/NA	Solid	8015B NM	131360
880-67956-15	BH-1-2'	Total/NA	Solid	8015B NM	131360
880-67956-16	BH-1-3'	Total/NA	Solid	8015B NM	131360
880-67956-17	BH-2-S	Total/NA	Solid	8015B NM	131360
880-67956-18	BH-2-1'	Total/NA	Solid	8015B NM	131360
880-67956-19	BH-2-2'	Total/NA	Solid	8015B NM	131360
880-67956-20	BH-2-3'	Total/NA	Solid	8015B NM	131360
MB 880-131360/1-A	Method Blank	Total/NA	Solid	8015B NM	131360
LCS 880-131360/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131360
LCSD 880-131360/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131360
880-67956-1 MS	HP-1-S	Total/NA	Solid	8015B NM	131360
880-67956-1 MSD	HP-1-S	Total/NA	Solid	8015B NM	131360

Analysis Batch: 131880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Total/NA	Solid	8015 NM	
880-67956-2	HP-1-1'	Total/NA	Solid	8015 NM	
880-67956-3	HP-2-S	Total/NA	Solid	8015 NM	
880-67956-4	HP-2-1'	Total/NA	Solid	8015 NM	
880-67956-5	HP-3-S	Total/NA	Solid	8015 NM	
880-67956-6	HP-3-1'	Total/NA	Solid	8015 NM	
880-67956-7	HP-4-S	Total/NA	Solid	8015 NM	
880-67956-8	HP-4-1'	Total/NA	Solid	8015 NM	
880-67956-9	HP-5-S	Total/NA	Solid	8015 NM	
880-67956-10	HP-5-1'	Total/NA	Solid	8015 NM	
880-67956-11	HP-6-S	Total/NA	Solid	8015 NM	
880-67956-12	HP-6-1'	Total/NA	Solid	8015 NM	
880-67956-13	BH-1-S	Total/NA	Solid	8015 NM	
880-67956-14	BH-1-1'	Total/NA	Solid	8015 NM	
880-67956-15	BH-1-2'	Total/NA	Solid	8015 NM	
880-67956-16	BH-1-3'	Total/NA	Solid	8015 NM	
880-67956-17	BH-2-S	Total/NA	Solid	8015 NM	
880-67956-18	BH-2-1'	Total/NA	Solid	8015 NM	
880-67956-19	BH-2-2'	Total/NA	Solid	8015 NM	
880-67956-20	BH-2-3'	Total/NA	Solid	8015 NM	
880-67956-21	BH-2-4'	Total/NA	Solid	8015 NM	
880-67956-22	BH-2-5'	Total/NA	Solid	8015 NM	
880-67956-23	BH-2-6'	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC Semi VOA

Analysis Batch: 131816

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

GC Semi VOA (Continued)

Analysis Batch: 131880 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-24	BH-3-S	Total/NA	Solid	8015 NM	
880-67956-25	BH-3-1'	Total/NA	Solid	8015 NM	
880-67956-26	BH-3-2'	Total/NA	Solid	8015 NM	
880-67956-27	BH-3-3'	Total/NA	Solid	8015 NM	
880-67956-28	SP-1-S	Total/NA	Solid	8015 NM	
880-67956-29	SP-1-2'	Total/NA	Solid	8015 NM	
880-67956-30	SP-1-3'	Total/NA	Solid	8015 NM	
880-67956-31	SP-2-S	Total/NA	Solid	8015 NM	
880-67956-32	SP-2-2'	Total/NA	Solid	8015 NM	
880-67956-33	SP-2-3'	Total/NA	Solid	8015 NM	
880-67956-34	SP-3-S	Total/NA	Solid	8015 NM	
880-67956-35	SP-3-2'	Total/NA	Solid	8015 NM	
880-67956-36	SP-3-3'	Total/NA	Solid	8015 NM	
880-67956-37	SP-4-S	Total/NA	Solid	8015 NM	
880-67956-38	SP-4-2'	Total/NA	Solid	8015 NM	
880-67956-39	SP-4-3'	Total/NA	Solid	8015 NM	
880-67956-40	SP-5-S	Total/NA	Solid	8015 NM	
880-67956-41	SP-5-2'	Total/NA	Solid	8015 NM	
880-67956-42	SP-5-3'	Total/NA	Solid	8015 NM	
880-67956-43	SP-6-S	Total/NA	Solid	8015 NM	
880-67956-44	SP-6-2'	Total/NA	Solid	8015 NM	
880-67956-45	SP-6-3'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Soluble	Solid	DI Leach	
880-67956-2	HP-1-1'	Soluble	Solid	DI Leach	
880-67956-3	HP-2-S	Soluble	Solid	DI Leach	
880-67956-4	HP-2-1'	Soluble	Solid	DI Leach	
880-67956-5	HP-3-S	Soluble	Solid	DI Leach	
880-67956-6	HP-3-1'	Soluble	Solid	DI Leach	
880-67956-7	HP-4-S	Soluble	Solid	DI Leach	
880-67956-8	HP-4-1'	Soluble	Solid	DI Leach	
880-67956-9	HP-5-S	Soluble	Solid	DI Leach	
880-67956-10	HP-5-1'	Soluble	Solid	DI Leach	
880-67956-11	HP-6-S	Soluble	Solid	DI Leach	
880-67956-12	HP-6-1'	Soluble	Solid	DI Leach	
880-67956-13	BH-1-S	Soluble	Solid	DI Leach	
880-67956-14	BH-1-1'	Soluble	Solid	DI Leach	
880-67956-15	BH-1-2'	Soluble	Solid	DI Leach	
880-67956-16	BH-1-3'	Soluble	Solid	DI Leach	
880-67956-17	BH-2-S	Soluble	Solid	DI Leach	
880-67956-18	BH-2-1'	Soluble	Solid	DI Leach	
880-67956-19	BH-2-2'	Soluble	Solid	DI Leach	
MB 880-131324/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131324/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131324/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67956-10 MS	HP-5-1'	Soluble	Solid	DI Leach	
880-67956-10 MSD	HP-5-1'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

HPLC/IC

Leach Batch: 131325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-20	BH-2-3'	Soluble	Solid	DI Leach	
880-67956-21	BH-2-4'	Soluble	Solid	DI Leach	
880-67956-22	BH-2-5'	Soluble	Solid	DI Leach	
880-67956-23	BH-2-6'	Soluble	Solid	DI Leach	
880-67956-24	BH-3-S	Soluble	Solid	DI Leach	
880-67956-25	BH-3-1'	Soluble	Solid	DI Leach	
880-67956-26	BH-3-2'	Soluble	Solid	DI Leach	
880-67956-27	BH-3-3'	Soluble	Solid	DI Leach	
880-67956-28	SP-1-S	Soluble	Solid	DI Leach	
880-67956-29	SP-1-2'	Soluble	Solid	DI Leach	
880-67956-30	SP-1-3'	Soluble	Solid	DI Leach	
880-67956-31	SP-2-S	Soluble	Solid	DI Leach	
880-67956-32	SP-2-2'	Soluble	Solid	DI Leach	
880-67956-33	SP-2-3'	Soluble	Solid	DI Leach	
880-67956-34	SP-3-S	Soluble	Solid	DI Leach	
880-67956-35	SP-3-2'	Soluble	Solid	DI Leach	
880-67956-36	SP-3-3'	Soluble	Solid	DI Leach	
880-67956-37	SP-4-S	Soluble	Solid	DI Leach	
880-67956-38	SP-4-2'	Soluble	Solid	DI Leach	
880-67956-39	SP-4-3'	Soluble	Solid	DI Leach	
MB 880-131325/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131325/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131325/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67956-20 MS	BH-2-3'	Soluble	Solid	DI Leach	
880-67956-20 MSD	BH-2-3'	Soluble	Solid	DI Leach	
880-67956-30 MS	SP-1-3'	Soluble	Solid	DI Leach	
880-67956-30 MSD	SP-1-3'	Soluble	Solid	DI Leach	

Leach Batch: 131404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-40	SP-5-S	Soluble	Solid	DI Leach	
880-67956-41	SP-5-2'	Soluble	Solid	DI Leach	
880-67956-42	SP-5-3'	Soluble	Solid	DI Leach	
880-67956-43	SP-6-S	Soluble	Solid	DI Leach	
880-67956-44	SP-6-2'	Soluble	Solid	DI Leach	
880-67956-45	SP-6-3'	Soluble	Solid	DI Leach	
MB 880-131404/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131404/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131404/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67956-40 MS	SP-5-S	Soluble	Solid	DI Leach	
880-67956-40 MSD	SP-5-S	Soluble	Solid	DI Leach	

Analysis Batch: 131408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-20	BH-2-3'	Soluble	Solid	300.0	131325
880-67956-21	BH-2-4'	Soluble	Solid	300.0	131325
880-67956-22	BH-2-5'	Soluble	Solid	300.0	131325
880-67956-23	BH-2-6'	Soluble	Solid	300.0	131325
880-67956-24	BH-3-S	Soluble	Solid	300.0	131325
880-67956-25	BH-3-1'	Soluble	Solid	300.0	131325
880-67956-26	BH-3-2'	Soluble	Solid	300.0	131325

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

HPLC/IC (Continued)

Analysis Batch: 131408 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-27	BH-3-3'	Soluble	Solid	300.0	131325
880-67956-28	SP-1-S	Soluble	Solid	300.0	131325
880-67956-29	SP-1-2'	Soluble	Solid	300.0	131325
880-67956-30	SP-1-3'	Soluble	Solid	300.0	131325
880-67956-31	SP-2-S	Soluble	Solid	300.0	131325
880-67956-32	SP-2-2'	Soluble	Solid	300.0	131325
880-67956-33	SP-2-3'	Soluble	Solid	300.0	131325
880-67956-34	SP-3-S	Soluble	Solid	300.0	131325
880-67956-35	SP-3-2'	Soluble	Solid	300.0	131325
880-67956-36	SP-3-3'	Soluble	Solid	300.0	131325
880-67956-37	SP-4-S	Soluble	Solid	300.0	131325
880-67956-38	SP-4-2'	Soluble	Solid	300.0	131325
880-67956-39	SP-4-3'	Soluble	Solid	300.0	131325
MB 880-131325/1-A	Method Blank	Soluble	Solid	300.0	131325
LCS 880-131325/2-A	Lab Control Sample	Soluble	Solid	300.0	131325
LCSD 880-131325/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131325
880-67956-20 MS	BH-2-3'	Soluble	Solid	300.0	131325
880-67956-20 MSD	BH-2-3'	Soluble	Solid	300.0	131325
880-67956-30 MS	SP-1-3'	Soluble	Solid	300.0	131325
880-67956-30 MSD	SP-1-3'	Soluble	Solid	300.0	131325

Analysis Batch: 131409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-40	SP-5-S	Soluble	Solid	300.0	131404
880-67956-41	SP-5-2'	Soluble	Solid	300.0	131404
880-67956-42	SP-5-3'	Soluble	Solid	300.0	131404
880-67956-43	SP-6-S	Soluble	Solid	300.0	131404
880-67956-44	SP-6-2'	Soluble	Solid	300.0	131404
880-67956-45	SP-6-3'	Soluble	Solid	300.0	131404
MB 880-131404/1-A	Method Blank	Soluble	Solid	300.0	131404
LCS 880-131404/2-A	Lab Control Sample	Soluble	Solid	300.0	131404
LCSD 880-131404/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131404
880-67956-40 MS	SP-5-S	Soluble	Solid	300.0	131404
880-67956-40 MSD	SP-5-S	Soluble	Solid	300.0	131404

Analysis Batch: 131412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-1	HP-1-S	Soluble	Solid	300.0	131324
880-67956-2	HP-1-1'	Soluble	Solid	300.0	131324
880-67956-3	HP-2-S	Soluble	Solid	300.0	131324
880-67956-4	HP-2-1'	Soluble	Solid	300.0	131324
880-67956-5	HP-3-S	Soluble	Solid	300.0	131324
880-67956-6	HP-3-1'	Soluble	Solid	300.0	131324
880-67956-7	HP-4-S	Soluble	Solid	300.0	131324
880-67956-8	HP-4-1'	Soluble	Solid	300.0	131324
880-67956-9	HP-5-S	Soluble	Solid	300.0	131324
880-67956-10	HP-5-1'	Soluble	Solid	300.0	131324
880-67956-11	HP-6-S	Soluble	Solid	300.0	131324
880-67956-12	HP-6-1'	Soluble	Solid	300.0	131324
880-67956-13	BH-1-S	Soluble	Solid	300.0	131324
880-67956-14	BH-1-1'	Soluble	Solid	300.0	131324

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

HPLC/IC (Continued)

Analysis Batch: 131412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67956-15	BH-1-2'	Soluble	Solid	300.0	131324
880-67956-16	BH-1-3'	Soluble	Solid	300.0	131324
880-67956-17	BH-2-S	Soluble	Solid	300.0	131324
880-67956-18	BH-2-1'	Soluble	Solid	300.0	131324
880-67956-19	BH-2-2'	Soluble	Solid	300.0	131324
MB 880-131324/1-A	Method Blank	Soluble	Solid	300.0	131324
LCS 880-131324/2-A	Lab Control Sample	Soluble	Solid	300.0	131324
LCSD 880-131324/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131324
880-67956-10 MS	HP-5-1'	Soluble	Solid	300.0	131324
880-67956-10 MSD	HP-5-1'	Soluble	Solid	300.0	131324

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-1-S

Date Collected: 02/04/26 10:57
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/13/26 23:34	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 23:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 11:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 11:24	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 21:50	CS	EET MID

Client Sample ID: HP-1-1'

Date Collected: 02/04/26 11:11
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/13/26 23:55	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 23:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 12:05	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 21:56	CS	EET MID

Client Sample ID: HP-2-S

Date Collected: 02/04/26 11:22
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 00:16	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 00:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 12:19	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:03	CS	EET MID

Client Sample ID: HP-2-1'

Date Collected: 02/04/26 11:35
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 00:36	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 00:36	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-2-1'

Date Collected: 02/04/26 11:35
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-4
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			131880	02/14/26 12:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 12:33	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:10	CS	EET MID

Client Sample ID: HP-3-S

Date Collected: 02/04/26 11:45
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-5
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			5.05 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 00:57	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 00:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 12:47	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:30	CS	EET MID

Client Sample ID: HP-3-1'

Date Collected: 02/04/26 11:52
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 01:17	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 01:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 13:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 13:00	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:37	CS	EET MID

Client Sample ID: HP-4-S

Date Collected: 02/04/26 12:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 01:38	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 01:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 13:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 13:14	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-4-S

Date Collected: 02/04/26 12:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-7
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	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:43	CS	EET MID

Client Sample ID: HP-4-1'

Date Collected: 02/04/26 12:15
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 01:58	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 01:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 13:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 13:28	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:50	CS	EET MID

Client Sample ID: HP-5-S

Date Collected: 02/04/26 12:25
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 02:19	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 02:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 13:42	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 22:57	CS	EET MID

Client Sample ID: HP-5-1'

Date Collected: 02/04/26 12:37
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 02:39	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 02:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 13:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 13:56	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 23:03	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: HP-6-S

Date Collected: 02/04/26 02:07
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 04:12	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 04:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 14:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 14:24	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 23:23	CS	EET MID

Client Sample ID: HP-6-1'

Date Collected: 02/04/26 02:15
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 04:33	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 04:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 14:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 14:39	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 23:30	CS	EET MID

Client Sample ID: BH-1-S

Date Collected: 02/04/26 02:27
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 04:54	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 04:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 14:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 14:53	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 23:50	CS	EET MID

Client Sample ID: BH-1-1'

Date Collected: 02/04/26 02:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 05:14	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 05:14	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-1-1'

Date Collected: 02/04/26 02:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-14
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			131880	02/14/26 15:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 15:08	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/10/26 23:57	CS	EET MID

Client Sample ID: BH-1-2'

Date Collected: 02/04/26 02:50
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 05:34	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 05:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 15:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 15:22	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/11/26 00:04	CS	EET MID

Client Sample ID: BH-1-3'

Date Collected: 02/04/26 02:58
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131229	02/09/26 12:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131692	02/14/26 05:55	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 05:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 15:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 15:37	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/11/26 00:10	CS	EET MID

Client Sample ID: BH-2-S

Date Collected: 02/04/26 11:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131873	02/16/26 09:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131867	02/16/26 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/16/26 16:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 15:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 15:50	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-S

Date Collected: 02/04/26 11:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-17
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			4.98 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		10			131412	02/11/26 00:17	CS	EET MID

Client Sample ID: BH-2-1'

Date Collected: 02/04/26 11:47
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-18
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			4.95 g	5 mL	131871	02/16/26 08:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131866	02/16/26 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/16/26 11:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 16:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 16:05	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/11/26 00:24	CS	EET MID

Client Sample ID: BH-2-2'

Date Collected: 02/04/26 12:13
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131871	02/16/26 08:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131866	02/16/26 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/16/26 12:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 16:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 16:19	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131324	02/09/26 16:38	SA	EET MID
Soluble	Analysis	300.0		1			131412	02/11/26 00:30	CS	EET MID

Client Sample ID: BH-2-3'

Date Collected: 02/04/26 12:35
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131871	02/16/26 08:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131866	02/16/26 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/16/26 12:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 16:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	131360	02/10/26 09:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131816	02/14/26 16:33	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		10			131408	02/10/26 21:46	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-2-4'

Date Collected: 02/04/26 01:13
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 23:11	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 23:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 17:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 17:42	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		5			131408	02/10/26 22:07	CS	EET MID

Client Sample ID: BH-2-5'

Date Collected: 02/04/26 01:36
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 23:32	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 23:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 18:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 18:23	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 22:14	CS	EET MID

Client Sample ID: BH-2-6'

Date Collected: 02/04/26 03:25
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 23:53	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 23:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 18:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 18:37	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 22:21	CS	EET MID

Client Sample ID: BH-3-S

Date Collected: 02/04/26 01:59
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 00:13	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 00:13	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-3-S

Date Collected: 02/04/26 01:59
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131880	02/13/26 18:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 18:51	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 22:28	CS	EET MID

Client Sample ID: BH-3-1'

Date Collected: 02/04/26 02:21
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 00:34	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 00:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 19:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 19:05	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 22:48	CS	EET MID

Client Sample ID: BH-3-2'

Date Collected: 02/04/26 02:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 00:55	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 00:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 19:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 19:19	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 22:55	CS	EET MID

Client Sample ID: BH-3-3'

Date Collected: 02/04/26 02:55
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 01:15	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 01:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 19:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 19:33	FC	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: BH-3-3'

Date Collected: 02/04/26 02:55
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 23:02	CS	EET MID

Client Sample ID: SP-1-S

Date Collected: 02/04/26 08:31
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-28
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			4.99 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 01:36	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 01:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 19:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 19:47	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		5			131408	02/10/26 23:09	CS	EET MID

Client Sample ID: SP-1-2'

Date Collected: 02/04/26 09:12
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 01:57	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 01:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 20:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 20:01	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		5			131408	02/10/26 23:16	CS	EET MID

Client Sample ID: SP-1-3'

Date Collected: 02/04/26 09:31
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 02:17	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 02:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 20:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 20:15	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 23:23	CS	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-2-S

Date Collected: 02/04/26 09:52
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 03:40	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 03:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 20:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 20:43	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 23:44	CS	EET MID

Client Sample ID: SP-2-2'

Date Collected: 02/04/26 10:29
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 04:01	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 04:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 20:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 20:58	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/10/26 23:50	CS	EET MID

Client Sample ID: SP-2-3'

Date Collected: 02/04/26 10:44
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-33
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	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 04:21	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 04:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 21:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 21:11	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/11/26 00:11	CS	EET MID

Client Sample ID: SP-3-S

Date Collected: 02/04/26 11:27
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-34
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	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 04:42	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 04:42	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-3-S

Date Collected: 02/04/26 11:27
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-34
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			131880	02/13/26 21:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 21:25	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		5			131408	02/11/26 00:18	CS	EET MID

Client Sample ID: SP-3-2'

Date Collected: 02/04/26 11:59
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-35
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			4.98 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 05:03	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 05:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 21:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 21:39	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		5			131408	02/11/26 00:25	CS	EET MID

Client Sample ID: SP-3-3'

Date Collected: 02/04/26 12:19
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 05:23	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 05:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 21:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		5			131408	02/11/26 00:32	CS	EET MID

Client Sample ID: SP-4-S

Date Collected: 02/04/26 01:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 05:44	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 05:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 22:07	FC	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-4-S

Date Collected: 02/04/26 01:01
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-37
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			5.03 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/11/26 00:39	CS	EET MID

Client Sample ID: SP-4-2'

Date Collected: 02/04/26 01:38
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-38
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	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 06:05	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 06:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 22:21	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/11/26 00:46	CS	EET MID

Client Sample ID: SP-4-3'

Date Collected: 02/04/26 01:51
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-39
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	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 06:25	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 06:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 22:36	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131325	02/09/26 16:41	SA	EET MID
Soluble	Analysis	300.0		1			131408	02/11/26 00:52	CS	EET MID

Client Sample ID: SP-5-S

Date Collected: 02/04/26 02:05
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-40
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	131234	02/09/26 12:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/14/26 06:46	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/14/26 06:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/13/26 22:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	131361	02/10/26 09:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131697	02/13/26 22:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131404	02/10/26 14:54	SA	EET MID
Soluble	Analysis	300.0		5			131409	02/10/26 20:52	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-5-2'

Date Collected: 02/04/26 02:39
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-41
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	131445	02/11/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131430	02/11/26 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/11/26 17:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 11:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131362	02/10/26 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131814	02/14/26 11:24	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131404	02/10/26 14:54	SA	EET MID
Soluble	Analysis	300.0		1			131409	02/10/26 21:07	CS	EET MID

Client Sample ID: SP-5-3'

Date Collected: 02/04/26 02:57
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-42
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			4.98 g	5 mL	131445	02/11/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131430	02/11/26 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/11/26 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131362	02/10/26 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131814	02/14/26 12:05	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131404	02/10/26 14:54	SA	EET MID
Soluble	Analysis	300.0		1			131409	02/10/26 21:13	CS	EET MID

Client Sample ID: SP-6-S

Date Collected: 02/04/26 03:10
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	131688	02/13/26 20:23	SA	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	131445	02/11/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131430	02/11/26 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 20:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131362	02/10/26 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131814	02/14/26 12:19	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131404	02/10/26 14:54	SA	EET MID
Soluble	Analysis	300.0		1			131409	02/10/26 21:18	CS	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Client Sample ID: SP-6-2'
Date Collected: 02/04/26 03:41
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-44
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	131714	02/13/26 10:04	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	131688	02/13/26 20:44	SA	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	131445	02/11/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131430	02/11/26 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/13/26 20:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131362	02/10/26 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131814	02/14/26 12:33	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131404	02/10/26 14:54	SA	EET MID
Soluble	Analysis	300.0		1			131409	02/10/26 21:23	CS	EET MID

Client Sample ID: SP-6-3'
Date Collected: 02/04/26 03:53
Date Received: 02/09/26 08:32

Lab Sample ID: 880-67956-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131445	02/11/26 09:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131430	02/11/26 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131658	02/11/26 19:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			131880	02/14/26 12:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131362	02/10/26 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131814	02/14/26 12:47	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131404	02/10/26 14:54	SA	EET MID
Soluble	Analysis	300.0		1			131409	02/10/26 21:39	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

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: Safety & Environmental Solutions
Project/Site: Big Cat 16-9 State Fed COM 001H

Job ID: 880-67956-1
SDG: DEV-26-001

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67956-1	HP-1-S	Solid	02/04/26 10:57	02/09/26 08:32	Texas
880-67956-2	HP-1-1'	Solid	02/04/26 11:11	02/09/26 08:32	Texas
880-67956-3	HP-2-S	Solid	02/04/26 11:22	02/09/26 08:32	Texas
880-67956-4	HP-2-1'	Solid	02/04/26 11:35	02/09/26 08:32	Texas
880-67956-5	HP-3-S	Solid	02/04/26 11:45	02/09/26 08:32	Texas
880-67956-6	HP-3-1'	Solid	02/04/26 11:52	02/09/26 08:32	Texas
880-67956-7	HP-4-S	Solid	02/04/26 12:01	02/09/26 08:32	Texas
880-67956-8	HP-4-1'	Solid	02/04/26 12:15	02/09/26 08:32	Texas
880-67956-9	HP-5-S	Solid	02/04/26 12:25	02/09/26 08:32	Texas
880-67956-10	HP-5-1'	Solid	02/04/26 12:37	02/09/26 08:32	Texas
880-67956-11	HP-6-S	Solid	02/04/26 02:07	02/09/26 08:32	Texas
880-67956-12	HP-6-1'	Solid	02/04/26 02:15	02/09/26 08:32	Texas
880-67956-13	BH-1-S	Solid	02/04/26 02:27	02/09/26 08:32	Texas
880-67956-14	BH-1-1'	Solid	02/04/26 02:47	02/09/26 08:32	Texas
880-67956-15	BH-1-2'	Solid	02/04/26 02:50	02/09/26 08:32	Texas
880-67956-16	BH-1-3'	Solid	02/04/26 02:58	02/09/26 08:32	Texas
880-67956-17	BH-2-S	Solid	02/04/26 11:39	02/09/26 08:32	Texas
880-67956-18	BH-2-1'	Solid	02/04/26 11:47	02/09/26 08:32	Texas
880-67956-19	BH-2-2'	Solid	02/04/26 12:13	02/09/26 08:32	Texas
880-67956-20	BH-2-3'	Solid	02/04/26 12:35	02/09/26 08:32	Texas
880-67956-21	BH-2-4'	Solid	02/04/26 01:13	02/09/26 08:32	Texas
880-67956-22	BH-2-5'	Solid	02/04/26 01:36	02/09/26 08:32	Texas
880-67956-23	BH-2-6'	Solid	02/04/26 03:25	02/09/26 08:32	Texas
880-67956-24	BH-3-S	Solid	02/04/26 01:59	02/09/26 08:32	Texas
880-67956-25	BH-3-1'	Solid	02/04/26 02:21	02/09/26 08:32	Texas
880-67956-26	BH-3-2'	Solid	02/04/26 02:39	02/09/26 08:32	Texas
880-67956-27	BH-3-3'	Solid	02/04/26 02:55	02/09/26 08:32	Texas
880-67956-28	SP-1-S	Solid	02/04/26 08:31	02/09/26 08:32	Texas
880-67956-29	SP-1-2'	Solid	02/04/26 09:12	02/09/26 08:32	Texas
880-67956-30	SP-1-3'	Solid	02/04/26 09:31	02/09/26 08:32	Texas
880-67956-31	SP-2-S	Solid	02/04/26 09:52	02/09/26 08:32	Texas
880-67956-32	SP-2-2'	Solid	02/04/26 10:29	02/09/26 08:32	Texas
880-67956-33	SP-2-3'	Solid	02/04/26 10:44	02/09/26 08:32	Texas
880-67956-34	SP-3-S	Solid	02/04/26 11:27	02/09/26 08:32	Texas
880-67956-35	SP-3-2'	Solid	02/04/26 11:59	02/09/26 08:32	Texas
880-67956-36	SP-3-3'	Solid	02/04/26 12:19	02/09/26 08:32	Texas
880-67956-37	SP-4-S	Solid	02/04/26 01:01	02/09/26 08:32	Texas
880-67956-38	SP-4-2'	Solid	02/04/26 01:38	02/09/26 08:32	Texas
880-67956-39	SP-4-3'	Solid	02/04/26 01:51	02/09/26 08:32	Texas
880-67956-40	SP-5-S	Solid	02/04/26 02:05	02/09/26 08:32	Texas
880-67956-41	SP-5-2'	Solid	02/04/26 02:39	02/09/26 08:32	Texas
880-67956-42	SP-5-3'	Solid	02/04/26 02:57	02/09/26 08:32	Texas
880-67956-43	SP-6-S	Solid	02/04/26 03:10	02/09/26 08:32	Texas
880-67956-44	SP-6-2'	Solid	02/04/26 03:41	02/09/26 08:32	Texas
880-67956-45	SP-6-3'	Solid	02/04/26 03:53	02/09/26 08:32	Texas

(45)

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

V 880-67956 Chain of Custody

2/16/2026

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Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	☑ Routine ☐ Rush
Project Number:	DEV-26-001	Due Date:	
Project Location:	Big Cat 16-9 State Fed COM 001H	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Jay Corpus		
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.3
Total Containers:		Corrected Temperature:	3.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
HP-1-S	Soil	2/4/2026	10:57	0	G	1		X	X	X	
HP-1-1'	Soil	2/4/2026	11:11	1	G	1		X	X	X	
HP-2-S	Soil	2/4/2026	11:22	0	G	1		X	X	X	
HP-2-1'	Soil	2/4/2026	11:35	1	G	1		X	X	X	
HP-3-S	Soil	2/4/2026	11:45	0	G	1		X	X	X	
HP-3-1'	Soil	2/4/2026	11:52	1	G	1		X	X	X	
HP-4-S	Soil	2/4/2026	12:01	0	G	1		X	X	X	
HP-4-1'	Soil	2/4/2026	12:15	1	G	1		X	X	X	
HP-5-S	Soil	2/4/2026	12:25	0	G	1		X	X	X	
HP-5-1'	Soil	2/4/2026	12:37	1	G	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Lmendenhall		2/9/26 8:32	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

2/16/2026

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order No: _____

Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	☑ Routine ☐ Rush
Project Number:	DEV-26-001	Due Date:	
Project Location:	Big Cat 16-9 State Fed COM 001H	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Jay Corpus		
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.3
Total Containers:		Corrected Temperature:	3.4

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2S0_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Chloride	TPH	BTEX	Sample Comments
HP-6-S	Soil	2/4/2026	2:07	0	G	1	X	X	X	
HP-6-1'	Soil	2/4/2026	2:15	1	G	1	X	X	X	
BH-1-S	Soil	2/4/2026	2:27	0	G	1	X	X	X	
BH-1-1'	Soil	2/4/2026	2:42	1	G	1	X	X	X	
BH-1-2'	Soil	2/4/2026	2:50	2	G	1	X	X	X	
BH-1-3'	Soil	2/4/2026	2:58	3	G	1	X	X	X	
BH-2-S	Soil	2/5/2026	11:39	0	G	1	X	X	X	
BH-2-1'	Soil	2/5/2026	11:47	1	G	1	X	X	X	
BH-2-2'	Soil	2/5/2026	12:13	2	G	1	X	X	X	
BH-2-3'	Soil	2/5/2026	12:35	3	G	1	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1	L. Mendenhall		2/9/26 8:32	2		
3				4		
5				6		

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 3 of 5

Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	
Project Number:	DEV-26-001	☑ Routine ☐ Rush	
Project Location:	Big Cat 16-9 State Fed COM 001H	Due Date:	
Sampler's Name:	Jay Corpus	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No N/A	Correction Factor:	.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.3
Total Containers:		Corrected Temperature:	3.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
BH-2-4'	Soil	2/5/2026	1:13	4	G	1		X	X	X	
BH-2-5'	Soil	2/5/2026	1:36	5	G	1		X	X	X	
BH-2-6'	Soil	2/5/2026	3:25	6	G	1		X	X	X	
BH-3-S	Soil	2/5/2026	1:59	0	G	1		X	X	X	
BH-3-1'	Soil	2/5/2026	2:21	1	G	1		X	X	X	
BH-3-2'	Soil	2/5/2026	2:39	2	G	1		X	X	X	
BH-3-3'	Soil	2/5/2026	2:55	3	G	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1 L Mendenhall		2/9/26 8:32	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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2/16/2026

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Chain of Custody

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

www.xenco.com Page 4 of 5

Work Order No: _____

Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	
Project Number:	DEV-26-001	☑ Routine ☐ Rush	
Project Location:	Big Cat 16-9 State Fed COM 001H	Due Date:	
Sampler's Name:	Jay Corpus	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.3
Total Containers:		Corrected Temperature:	3.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
SP-1-S	Soil	2/6/2026	8:31	0	G	1		X	X	X	
SP-1-2'	Soil	2/6/2026	9:12	2	G	1		X	X	X	
SP-1-3'	Soil	2/6/2026	9:31	3	G	1		X	X	X	
SP-2-S	Soil	2/6/2026	9:52	0	G	1		X	X	X	
SP-2-2'	Soil	2/6/2026	10:29	2	G	1		X	X	X	
SP-2-3'	Soil	2/6/2026	10:44	3	G	1		X	X	X	
SP-3-S	Soil	2/6/2026	11:27	0	G	1		X	X	X	
SP-3-2'	Soil	2/6/2026	11:59	2	G	1		X	X	X	
SP-3-3'	Soil	2/6/2026	12:19	3	G	1		X	X	X	
SP-4-S	Soil	2/6/2026	1:01	0	G	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1 L mendenhall		2/9/26 8:32	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	
Project Number:	DEV-26-001	☑ Routine ☐ Rush	
Project Location:	Big Cat 16-9 State Fed COM 001H	Due Date:	
Sampler's Name:	Jay Corpus	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	TRS
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.3
Total Containers:		Corrected Temperature:	3.4

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride	TPH	BTEX	Sample Comments
SP-4-2'	Soil	2/6/2026	1:38	2	G	1		X	X	X	
SP-4-3'	Soil	2/6/2026	1:51	3	G	1		X	X	X	
SP-5-S	Soil	2/6/2026	2:05	0	G	1		X	X	X	
SP-5-2'	Soil	2/6/2026	2:39	2	G	1		X	X	X	
SP-5-3'	Soil	2/6/2026	2:57	3	G	1		X	X	X	
SP-6-S	Soil	2/6/2026	3:10	0	G	1		X	X	X	
SP-6-2'	Soil	2/6/2026	3:41	2	G	1		X	X	X	
SP-6-3'	Soil	2/6/2026	3:53	3	G	1		X	X	X	

ANALYSIS REQUEST — Parameters

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2S0_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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1 L mendenall		2/9/26 8:32	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

2/16/2026

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Login Sample Receipt Checklist

Client: Safety & Environmental Solutions

Job Number: 880-67956-1
SDG Number: DEV-26-001

Login Number: 67956
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Leslie Mendenhall
Safety & Environmental Solutions
PO BOX 1613
Hobbs, New Mexico 88241

Generated 4/3/2026 2:48:48 PM

JOB DESCRIPTION

Big cat 16-9 State Fed COM 001H
DEV-26-001

JOB NUMBER

880-70238-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Released to Imaging: 6/17/2026 8:48:19 AM

Eurofins Midland

Job Notes

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

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

Authorization

Generated
4/3/2026 2:48:48 PM

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

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Definitions/Glossary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

Definitions/Glossary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Safety & Environmental Solutions
Project: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1

Job ID: 880-70238-1 **Eurofins Midland**

Job Narrative
880-70238-1

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 3/30/2026 1:26 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 5.8°C.

GC VOA
Method 8021B: The matrix spike (MS) and/or matrix spike duplicate (MSD) recovery for preparation batch 880-136520 and analytical batch 880-136505 was outside control limits for the following analyte(s): o-Xylene. Results may be biased high because this analyte is a common laboratory solvent and contaminant.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 2 - 7" (880-70238-2), CS - 5 - 7" (880-70238-5), CS - 8 - 7" (880-70238-8) and CS - 10 - 7" (880-70238-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-136510 and analytical batch 880-136503 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 laboratory control sample duplicate (LCSD) for preparation batch 880-136520 and analytical batch 880-136505 recovered outside control limits for the following analytes: o-Xylene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-136529 and analytical batch 880-136629 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.

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 12 - 7" (880-70238-12) and CS - 16 - 7" (880-70238-16). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-136315/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 4 - 7" (880-70238-4), CS - 6 - 7" (880-70238-6), CS - 10 - 7" (880-70238-10) and CS - 15 - 7" (880-70238-15). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-136316/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 19 - 7" (880-70238-19). Evidence of matrix interferences is not obvious.

Eurofins Midland

Case Narrative

Client: Safety & Environmental Solutions
Project: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1

Job ID: 880-70238-1 (Continued)

Eurofins Midland

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: SW - 5 (880-70238-27). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-136315 and analytical batch 880-136730 was outside the upper control limits.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-136316 and analytical batch 880-136732 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 880-136316 and analytical batch 880-136732 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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 880-136379 and analytical batch 880-136415 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.

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 1 - 7"

Lab Sample ID: 880-70238-1
Matrix: Solid

Date Collected: 03/27/26 09:03
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 17:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 17:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 17:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 10:32	04/01/26 17:50	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/01/26 10:32	04/01/26 17:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 10:32	04/01/26 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/01/26 10:32*	*04/01/26 17:50*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/01/26 10:32*	*04/01/26 17:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/26 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/02/26 21:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/02/26 21:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/02/26 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/30/26 15:15*	*04/02/26 21:23*	*1*
o-Terphenyl	*117*		*70 - 130*	*03/30/26 15:15*	*04/02/26 21:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2190		49.7		mg/Kg			04/01/26 00:07	5

Client Sample ID: CS - 2 - 7"

Lab Sample ID: 880-70238-2
Matrix: Solid

Date Collected: 03/27/26 09:15
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/26 10:32	04/01/26 18:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/26 10:32	04/01/26 18:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/26 10:32	04/01/26 18:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/26 10:32	04/01/26 18:11	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		04/01/26 10:32	04/01/26 18:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/26 10:32	04/01/26 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*04/01/26 10:32*	*04/01/26 18:11*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 2 - 7"

Lab Sample ID: 880-70238-2
Matrix: Solid

Date Collected: 03/27/26 09:15
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	04/01/26 10:32	04/01/26 18:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/01/26 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/26 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	03/30/26 15:15	04/02/26 21:44	1
o-Terphenyl	117		70 - 130	03/30/26 15:15	04/02/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	512		9.92		mg/Kg			04/01/26 00:22	1

Client Sample ID: CS - 3 - 7"

Lab Sample ID: 880-70238-3
Matrix: Solid

Date Collected: 03/27/26 09:24
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:32	04/01/26 18:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:32	04/01/26 18:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:32	04/01/26 18:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/26 10:32	04/01/26 18:31	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		04/01/26 10:32	04/01/26 18:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/26 10:32	04/01/26 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	04/01/26 10:32	04/01/26 18:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/01/26 10:32	04/01/26 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/01/26 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/26 22:04	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 3 - 7"

Lab Sample ID: 880-70238-3
Matrix: Solid

Date Collected: 03/27/26 09:24
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/02/26 22:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/02/26 22:04	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/02/26 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*03/30/26 15:15*	*04/02/26 22:04*	*1*
o-Terphenyl	*125*		*70 - 130*	*03/30/26 15:15*	*04/02/26 22:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	499		10.0		mg/Kg			04/01/26 00:27	1

Client Sample ID: CS - 4 - 7"

Lab Sample ID: 880-70238-4
Matrix: Solid

Date Collected: 03/27/26 09:36
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 18:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 18:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 18:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 10:32	04/01/26 18:52	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/01/26 10:32	04/01/26 18:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 10:32	04/01/26 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/01/26 10:32*	*04/01/26 18:52*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/01/26 10:32*	*04/01/26 18:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/26 22:25	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		03/30/26 15:15	04/02/26 22:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 22:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*03/30/26 15:15*	*04/02/26 22:25*	*1*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/02/26 22:25*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 4 - 7"

Lab Sample ID: 880-70238-4
Matrix: Solid

Date Collected: 03/27/26 09:36
Date Received: 03/30/26 13:26
Sample Depth: 7"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		9.94		mg/Kg			04/01/26 00:33	1

Client Sample ID: CS - 5 - 7"

Lab Sample ID: 880-70238-5
Matrix: Solid

Date Collected: 03/27/26 09:43
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 10:32	04/01/26 19:12	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 10:32	04/01/26 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*04/01/26 10:32*	*04/01/26 19:12*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/01/26 10:32*	*04/01/26 19:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/01/26 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/02/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/02/26 22:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/02/26 22:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/02/26 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*03/30/26 15:15*	*04/02/26 22:45*	*1*
o-Terphenyl	*129*		*70 - 130*	*03/30/26 15:15*	*04/02/26 22:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	496		9.92		mg/Kg			04/01/26 00:38	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 6 - 7"

Lab Sample ID: 880-70238-6
Matrix: Solid

Date Collected: 03/27/26 09:57
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:32	04/01/26 19:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:32	04/01/26 19:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:32	04/01/26 19:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/26 10:32	04/01/26 19:33	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		04/01/26 10:32	04/01/26 19:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/26 10:32	04/01/26 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/01/26 10:32*	*04/01/26 19:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/01/26 10:32*	*04/01/26 19:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/01/26 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/02/26 23:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/26 15:15	04/02/26 23:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/30/26 15:15	04/02/26 23:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/26 15:15	04/02/26 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*03/30/26 15:15*	*04/02/26 23:05*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/02/26 23:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2730		49.9		mg/Kg			04/01/26 00:43	5

Client Sample ID: CS - 7 - 7"

Lab Sample ID: 880-70238-7
Matrix: Solid

Date Collected: 03/27/26 10:09
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/26 10:32	04/01/26 19:53	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		04/01/26 10:32	04/01/26 19:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/26 10:32	04/01/26 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/01/26 10:32*	*04/01/26 19:53*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 7 - 7"

Lab Sample ID: 880-70238-7
Matrix: Solid

Date Collected: 03/27/26 10:09
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	04/01/26 10:32	04/01/26 19:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/26 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/02/26 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/30/26 15:15	04/02/26 23:46	1
o-Terphenyl	121		70 - 130	03/30/26 15:15	04/02/26 23:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	285		10.0		mg/Kg			04/01/26 00:48	1

Client Sample ID: CS - 8 - 7"

Lab Sample ID: 880-70238-8
Matrix: Solid

Date Collected: 03/27/26 10:17
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/26 10:32	04/01/26 20:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/26 10:32	04/01/26 20:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/26 10:32	04/01/26 20:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/26 10:32	04/01/26 20:14	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		04/01/26 10:32	04/01/26 20:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/26 10:32	04/01/26 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	04/01/26 10:32	04/01/26 20:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/01/26 10:32	04/01/26 20:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/01/26 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/26 00:07	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 8 - 7"

Lab Sample ID: 880-70238-8
Matrix: Solid

Date Collected: 03/27/26 10:17
Date Received: 03/30/26 13:26
Sample Depth: 7"

Method: SW846 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		03/30/26 15:15	04/03/26 00:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 00:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/30/26 15:15*	*04/03/26 00:07*	*1*
o-Terphenyl	*127*		*70 - 130*	*03/30/26 15:15*	*04/03/26 00:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		50.4		mg/Kg			04/01/26 01:04	5

Client Sample ID: CS - 9 - 7"

Lab Sample ID: 880-70238-9
Matrix: Solid

Date Collected: 03/27/26 10:28
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:32	04/01/26 20:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:32	04/01/26 20:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:32	04/01/26 20:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/26 10:32	04/01/26 20:34	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		04/01/26 10:32	04/01/26 20:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/26 10:32	04/01/26 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/01/26 10:32*	*04/01/26 20:34*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/01/26 10:32*	*04/01/26 20:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/01/26 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/26 00:27	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	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 00:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 00:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/30/26 15:15*	*04/03/26 00:27*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/30/26 15:15*	*04/03/26 00:27*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 9 - 7"

Date Collected: 03/27/26 10:28
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-9
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2180		49.8		mg/Kg			04/01/26 01:09	5

Client Sample ID: CS - 10 - 7"

Date Collected: 03/27/26 10:40
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 20:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 20:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:32	04/01/26 20:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 10:32	04/01/26 20:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		04/01/26 10:32	04/01/26 20:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 10:32	04/01/26 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*04/01/26 10:32*	*04/01/26 20:55*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/01/26 10:32*	*04/01/26 20:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 20:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/03/26 00:47	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	<50.2	U	50.2		mg/Kg		03/30/26 15:15	04/03/26 00:47	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/30/26 15:15	04/03/26 00:47	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/30/26 15:15	04/03/26 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*03/30/26 15:15*	*04/03/26 00:47*	*1*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/03/26 00:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	497		9.92		mg/Kg			04/01/26 01:25	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 11 - 7"

Date Collected: 03/27/26 10:51
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 15:31	04/01/26 18:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 15:31	04/01/26 18:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 15:31	04/01/26 18:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 15:31	04/01/26 18:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/26 15:31	04/01/26 18:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 15:31	04/01/26 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/01/26 15:31*	*04/01/26 18:54*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/01/26 15:31*	*04/01/26 18:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/03/26 01:08	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	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/03/26 01:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/03/26 01:08	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/03/26 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/30/26 15:15*	*04/03/26 01:08*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/30/26 15:15*	*04/03/26 01:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1750		50.1		mg/Kg			04/01/26 01:30	5

Client Sample ID: CS - 12 - 7"

Date Collected: 03/27/26 11:02
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 19:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 19:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 19:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 11:25	04/01/26 19:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 19:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 11:25	04/01/26 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/01/26 11:25*	*04/01/26 19:32*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 12 - 7"

Date Collected: 03/27/26 11:02
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-12
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/01/26 11:25*	*04/01/26 19:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/03/26 01:28	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	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/03/26 01:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/03/26 01:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:15	04/03/26 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/03/26 01:28*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/03/26 01:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		49.7		mg/Kg			04/01/26 01:35	5

Client Sample ID: CS - 13 - 7"

Date Collected: 03/27/26 11:13
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 19:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/01/26 11:25*	*04/01/26 19:53*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/01/26 11:25*	*04/01/26 19:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/26 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/03/26 01:48	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 13 - 7"

Lab Sample ID: 880-70238-13
Matrix: Solid

Date Collected: 03/27/26 11:13
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		03/30/26 15:15	04/03/26 01:48	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/30/26 15:15	04/03/26 01:48	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/30/26 15:15	04/03/26 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*03/30/26 15:15*	*04/03/26 01:48*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/30/26 15:15*	*04/03/26 01:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297		10.1		mg/Kg			04/01/26 01:41	1

Client Sample ID: CS - 14 - 7"

Lab Sample ID: 880-70238-14
Matrix: Solid

Date Collected: 03/27/26 11:26
Date Received: 03/30/26 13:26
Sample Depth: 7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 20:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 20:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 20:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/26 11:25	04/01/26 20:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 20:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/26 11:25	04/01/26 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/01/26 11:25*	*04/01/26 20:13*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/01/26 11:25*	*04/01/26 20:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/01/26 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/03/26 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		03/30/26 15:15	04/03/26 02:09	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/30/26 15:15	04/03/26 02:09	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/30/26 15:15	04/03/26 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/30/26 15:15*	*04/03/26 02:09*	*1*
o-Terphenyl	*112*		*70 - 130*	*03/30/26 15:15*	*04/03/26 02:09*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 14 - 7"

Date Collected: 03/27/26 11:26
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-14
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		50.2		mg/Kg			04/01/26 01:46	5

Client Sample ID: CS - 15 - 7"

Date Collected: 03/27/26 11:34
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/26 11:25	04/01/26 20:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/26 11:25	04/01/26 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/01/26 11:25*	*04/01/26 20:34*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/01/26 11:25*	*04/01/26 20:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/01/26 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/26 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 02:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 02:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/26 15:15	04/03/26 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*03/30/26 15:15*	*04/03/26 02:29*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/03/26 02:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		50.1		mg/Kg			04/01/26 01:51	5

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 16 - 7"

Date Collected: 03/27/26 11:44
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/26 11:25	04/01/26 20:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 20:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/26 11:25	04/01/26 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/01/26 11:25*	*04/01/26 20:54*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/01/26 11:25*	*04/01/26 20:54*	*1*

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			04/01/26 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/03/26 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/03/26 02:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/03/26 02:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/03/26 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/03/26 02:50*	*1*
o-Terphenyl	*147*	*S1+*	*70 - 130*	*03/30/26 15:15*	*04/03/26 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	277		9.98		mg/Kg			04/01/26 08:24	1

Client Sample ID: CS - 17 - 7"

Date Collected: 03/27/26 11:57
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *-	0.00201		mg/Kg		04/01/26 09:40	04/02/26 07:56	1
Toluene	<0.00201	U *-	0.00201		mg/Kg		04/01/26 09:40	04/02/26 07:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/26 09:40	04/02/26 07:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/26 09:40	04/02/26 07:56	1
o-Xylene	<0.00201	U *-	0.00201		mg/Kg		04/01/26 09:40	04/02/26 07:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/26 09:40	04/02/26 07:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/01/26 09:40*	*04/02/26 07:56*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 17 - 7"

Date Collected: 03/27/26 11:57
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-17
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	04/01/26 09:40	04/02/26 07:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/02/26 07:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/02/26 19:19	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	<50.2	U F1	50.2		mg/Kg		03/30/26 15:20	04/02/26 19:19	1
Diesel Range Organics (Over C10-C28)	<50.2	U *1 F1 F2	50.2		mg/Kg		03/30/26 15:20	04/02/26 19:19	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/30/26 15:20	04/02/26 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	03/30/26 15:20	04/02/26 19:19	1
o-Terphenyl	112		70 - 130	03/30/26 15:20	04/02/26 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1850	F1	50.4		mg/Kg			04/01/26 01:15	5

Client Sample ID: CS - 18 - 7"

Date Collected: 03/27/26 12:09
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:47	04/02/26 13:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:47	04/02/26 13:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:47	04/02/26 13:48	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/26 10:47	04/02/26 13:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/26 10:47	04/02/26 13:48	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/26 10:47	04/02/26 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/01/26 10:47	04/02/26 13:48	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/01/26 10:47	04/02/26 13:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/02/26 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/26 20:21	1

Eurofins Midland

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 18 - 7"

Date Collected: 03/27/26 12:09
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 20:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		03/30/26 15:20	04/02/26 20:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*03/30/26 15:20*	*04/02/26 20:21*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/30/26 15:20*	*04/02/26 20:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470		50.2		mg/Kg			04/01/26 01:30	5

Client Sample ID: CS - 19 - 7"

Date Collected: 03/27/26 12:20
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:47	04/02/26 14:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:47	04/02/26 14:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:47	04/02/26 14:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 10:47	04/02/26 14:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/26 10:47	04/02/26 14:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 10:47	04/02/26 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/01/26 10:47*	*04/02/26 14:09*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/01/26 10:47*	*04/02/26 14:09*	*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			04/02/26 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/26 20:41	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	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 20:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		03/30/26 15:20	04/02/26 20:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*03/30/26 15:20*	*04/02/26 20:41*	*1*
o-Terphenyl	*108*		*70 - 130*	*03/30/26 15:20*	*04/02/26 20:41*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 19 - 7"

Date Collected: 03/27/26 12:20
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-19
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		50.1		mg/Kg			04/01/26 01:36	5

Client Sample ID: CS - 20 - 7"

Date Collected: 03/27/26 12:31
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-20
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:47	04/02/26 14:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:47	04/02/26 14:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:47	04/02/26 14:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/26 10:47	04/02/26 14:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/26 10:47	04/02/26 14:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/26 10:47	04/02/26 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/01/26 10:47*	*04/02/26 14:29*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/01/26 10:47*	*04/02/26 14:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/02/26 14:29	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			04/02/26 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/02/26 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/30/26 15:20	04/02/26 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/02/26 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*03/30/26 15:20*	*04/02/26 21:02*	*1*
o-Terphenyl	*117*		*70 - 130*	*03/30/26 15:20*	*04/02/26 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		10.1		mg/Kg			04/01/26 01:41	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 21 - 7"

Date Collected: 03/27/26 12:46
Date Received: 03/30/26 13:26
Sample Depth: 7"

Lab Sample ID: 880-70238-21
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 13:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 13:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 13:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 13:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 13:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/01/26 11:25*	*04/01/26 13:09*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/01/26 11:25*	*04/01/26 13:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/26 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			04/02/26 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/26 15:20	04/02/26 21:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/30/26 15:20	04/02/26 21:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/26 15:20	04/02/26 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*03/30/26 15:20*	*04/02/26 21:23*	*1*
o-Terphenyl	*85*		*70 - 130*	*03/30/26 15:20*	*04/02/26 21:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		9.96		mg/Kg			04/01/26 01:46	1

Client Sample ID: CS - 22 - 1'

Date Collected: 03/27/26 12:57
Date Received: 03/30/26 13:26
Sample Depth: 1'

Lab Sample ID: 880-70238-22
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 13:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/26 11:25	04/01/26 13:30	1
o-Xylene	0.0230		0.00201		mg/Kg		04/01/26 11:25	04/01/26 13:30	1
Xylenes, Total	0.0230		0.00402		mg/Kg		04/01/26 11:25	04/01/26 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/01/26 11:25*	*04/01/26 13:30*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 22 - 1'

Date Collected: 03/27/26 12:57
Date Received: 03/30/26 13:26
Sample Depth: 1'

Lab Sample ID: 880-70238-22
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	112		70 - 130	04/01/26 11:25	04/01/26 13:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0230		0.00402		mg/Kg			04/01/26 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			04/02/26 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/02/26 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/30/26 15:20	04/02/26 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/02/26 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	03/30/26 15:20	04/02/26 21:44	1
o-Terphenyl	113		70 - 130	03/30/26 15:20	04/02/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	241		9.98		mg/Kg			04/01/26 02:02	1

Client Sample ID: SW - 1

Date Collected: 03/27/26 01:29
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Lab Sample ID: 880-70238-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 13:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 13:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 13:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/26 11:25	04/01/26 13:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 13:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/26 11:25	04/01/26 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/01/26 11:25	04/01/26 13:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/01/26 11:25	04/01/26 13:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/01/26 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			04/02/26 22:04	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 1

Lab Sample ID: 880-70238-23
Matrix: Solid

Date Collected: 03/27/26 01:29
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Method: SW846 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		03/30/26 15:20	04/02/26 22:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		03/30/26 15:20	04/02/26 22:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/26 15:20	04/02/26 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*03/30/26 15:20*	*04/02/26 22:04*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/30/26 15:20*	*04/02/26 22:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240		49.6		mg/Kg			04/01/26 02:07	5

Client Sample ID: SW - 2

Lab Sample ID: 880-70238-24
Matrix: Solid

Date Collected: 03/27/26 01:38
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 11:25	04/01/26 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 11:25	04/01/26 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/01/26 11:25*	*04/01/26 14:11*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/01/26 11:25*	*04/01/26 14:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 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	<50.1	U	50.1		mg/Kg			04/02/26 22:25	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	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 22:25	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		03/30/26 15:20	04/02/26 22:25	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*03/30/26 15:20*	*04/02/26 22:25*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/30/26 15:20*	*04/02/26 22:25*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 2

Lab Sample ID: 880-70238-24
Matrix: Solid

Date Collected: 03/27/26 01:38
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		50.1		mg/Kg			04/01/26 02:12	5

Client Sample ID: SW - 3

Lab Sample ID: 880-70238-25
Matrix: Solid

Date Collected: 03/27/26 01:49
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 14:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 14:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 14:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/26 11:25	04/01/26 14:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 14:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/26 11:25	04/01/26 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/01/26 11:25*	*04/01/26 14:31*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/01/26 11:25*	*04/01/26 14:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/01/26 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	<50.1	U	50.1		mg/Kg			04/02/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 22:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		03/30/26 15:20	04/02/26 22:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/30/26 15:20*	*04/02/26 22:45*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/30/26 15:20*	*04/02/26 22:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1130		50.4		mg/Kg			04/01/26 02:17	5

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 4

Lab Sample ID: 880-70238-26
Matrix: Solid

Date Collected: 03/27/26 02:04
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 14:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 14:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 14:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 14:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 14:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/01/26 11:25*	*04/01/26 14:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/01/26 11:25*	*04/01/26 14:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/26 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	<50.2	U	50.2		mg/Kg			04/02/26 23:05	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	<50.2	U	50.2		mg/Kg		03/30/26 15:20	04/02/26 23:05	1
Diesel Range Organics (Over C10-C28)	<50.2	U *1	50.2		mg/Kg		03/30/26 15:20	04/02/26 23:05	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/30/26 15:20	04/02/26 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*03/30/26 15:20*	*04/02/26 23:05*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/30/26 15:20*	*04/02/26 23:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49.8		mg/Kg			04/01/26 02:23	5

Client Sample ID: SW - 5

Lab Sample ID: 880-70238-27
Matrix: Solid

Date Collected: 03/27/26 02:17
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 15:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 15:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 15:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/26 11:25	04/01/26 15:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/26 11:25	04/01/26 15:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/26 11:25	04/01/26 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/01/26 11:25*	*04/01/26 15:12*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 5

Date Collected: 03/27/26 02:17
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Lab Sample ID: 880-70238-27
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	04/01/26 11:25	04/01/26 15:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/01/26 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/02/26 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 23:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		03/30/26 15:20	04/02/26 23:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/30/26 15:20	04/02/26 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130	03/30/26 15:20	04/02/26 23:46	1
o-Terphenyl	59	S1-	70 - 130	03/30/26 15:20	04/02/26 23:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		49.9		mg/Kg			04/01/26 02:28	5

Client Sample ID: SW - 6

Date Collected: 03/27/26 02:29
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Lab Sample ID: 880-70238-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 17:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 17:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 17:49	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/26 11:25	04/01/26 17:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/26 11:25	04/01/26 17:49	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/26 11:25	04/01/26 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/01/26 11:25	04/01/26 17:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/01/26 11:25	04/01/26 17:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/01/26 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	65.9		50.0		mg/Kg			04/03/26 00:07	1

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 6

Lab Sample ID: 880-70238-28
Matrix: Solid

Date Collected: 03/27/26 02:29
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Method: SW846 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		03/30/26 15:20	04/03/26 00:07	1
Diesel Range Organics (Over C10-C28)	65.9	*1	50.0		mg/Kg		03/30/26 15:20	04/03/26 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/03/26 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*03/30/26 15:20*	*04/03/26 00:07*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/30/26 15:20*	*04/03/26 00:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		49.6		mg/Kg			04/01/26 02:44	5

Client Sample ID: SW - 7

Lab Sample ID: 880-70238-29
Matrix: Solid

Date Collected: 03/27/26 02:42
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 18:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 18:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 18:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/26 11:25	04/01/26 18:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/26 11:25	04/01/26 18:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/26 11:25	04/01/26 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/01/26 11:25*	*04/01/26 18:10*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/01/26 11:25*	*04/01/26 18:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/01/26 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	78.2		50.0		mg/Kg			04/03/26 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/03/26 00:27	1
Diesel Range Organics (Over C10-C28)	78.2	*1	50.0		mg/Kg		03/30/26 15:20	04/03/26 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/03/26 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*03/30/26 15:20*	*04/03/26 00:27*	*1*
o-Terphenyl	*119*		*70 - 130*	*03/30/26 15:20*	*04/03/26 00:27*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 7

Lab Sample ID: 880-70238-29
Matrix: Solid

Date Collected: 03/27/26 02:42
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1890		50.4		mg/Kg			04/01/26 02:49	5

Client Sample ID: SW - 8

Lab Sample ID: 880-70238-30
Matrix: Solid

Date Collected: 03/27/26 02:59
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 18:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 11:25	04/01/26 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 18:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 11:25	04/01/26 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/01/26 11:25*	*04/01/26 18:30*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/01/26 11:25*	*04/01/26 18:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/01/26 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.1		49.9		mg/Kg			04/03/26 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/30/26 15:20	04/03/26 00:47	1
Diesel Range Organics (Over C10-C28)	62.1	*1	49.9		mg/Kg		03/30/26 15:20	04/03/26 00:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/26 15:20	04/03/26 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*03/30/26 15:20*	*04/03/26 00:47*	*1*
o-Terphenyl	*122*		*70 - 130*	*03/30/26 15:20*	*04/03/26 00:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		49.7		mg/Kg			04/01/26 03:05	5

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 9

Lab Sample ID: 880-70238-31
Matrix: Solid

Date Collected: 03/27/26 12:46
Date Received: 03/30/26 13:26
Sample Depth: 0-7"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 18:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 18:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 18:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/26 11:25	04/01/26 18:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/26 11:25	04/01/26 18:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/26 11:25	04/01/26 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/01/26 11:25*	*04/01/26 18:51*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/01/26 11:25*	*04/01/26 18:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/01/26 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.8		50.0		mg/Kg			04/03/26 01:08	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	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/03/26 01:08	1
Diesel Range Organics (Over C10-C28)	69.8	*1	50.0		mg/Kg		03/30/26 15:20	04/03/26 01:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/03/26 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*03/30/26 15:20*	*04/03/26 01:08*	*1*
o-Terphenyl	*126*		*70 - 130*	*03/30/26 15:20*	*04/03/26 01:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		49.6		mg/Kg			04/01/26 03:10	5

Client Sample ID: Backfill

Lab Sample ID: 880-70238-32
Matrix: Solid

Date Collected: 03/27/26 01:45
Date Received: 03/30/26 13:26
Sample Depth: 0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 19:11	1
o-Xylene	0.00317		0.00200		mg/Kg		04/01/26 11:25	04/01/26 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/26 11:25	04/01/26 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/01/26 11:25*	*04/01/26 19:11*	*1*

Client Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: Backfill
Date Collected: 03/27/26 01:45
Date Received: 03/30/26 13:26
Sample Depth: 0

Lab Sample ID: 880-70238-32
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130	04/01/26 11:25	04/01/26 19:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/01/26 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/03/26 01:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/30/26 15:20	04/03/26 01:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		03/30/26 15:20	04/03/26 01:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/30/26 15:20	04/03/26 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	03/30/26 15:20	04/03/26 01:28	1
o-Terphenyl	114		70 - 130	03/30/26 15:20	04/03/26 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		9.90		mg/Kg			04/01/26 03:15	1

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-70238-1	CS - 1 - 7"	114	88
880-70238-2	CS - 2 - 7"	135 S1+	98
880-70238-3	CS - 3 - 7"	123	96
880-70238-4	CS - 4 - 7"	122	95
880-70238-5	CS - 5 - 7"	139 S1+	106
880-70238-6	CS - 6 - 7"	115	94
880-70238-7	CS - 7 - 7"	120	89
880-70238-8	CS - 8 - 7"	133 S1+	97
880-70238-9	CS - 9 - 7"	130	83
880-70238-10	CS - 10 - 7"	140 S1+	105
880-70238-11	CS - 11 - 7"	94	102
880-70238-12	CS - 12 - 7"	110	99
880-70238-13	CS - 13 - 7"	106	90
880-70238-14	CS - 14 - 7"	112	100
880-70238-15	CS - 15 - 7"	108	97
880-70238-16	CS - 16 - 7"	111	107
880-70238-17	CS - 17 - 7"	107	92
880-70238-18	CS - 18 - 7"	103	88
880-70238-19	CS - 19 - 7"	117	110
880-70238-20	CS - 20 - 7"	120	93
880-70238-21	CS - 21 - 7"	95	93
880-70238-21 MS	CS - 21 - 7"	100	92
880-70238-21 MSD	CS - 21 - 7"	102	94
880-70238-22	CS - 22 - 1'	115	112
880-70238-23	SW - 1	106	95
880-70238-24	SW - 2	103	102
880-70238-25	SW - 3	104	97
880-70238-26	SW - 4	108	100
880-70238-27	SW - 5	103	101
880-70238-28	SW - 6	111	100
880-70238-29	SW - 7	103	104
880-70238-30	SW - 8	111	109
880-70238-31	SW - 9	101	108
880-70238-32	Backfill	105	105
880-70256-A-1-F MS	Matrix Spike	96	96
880-70256-A-1-G MSD	Matrix Spike Duplicate	97	102
880-70266-A-11-F MS	Matrix Spike	123	112
880-70266-A-11-G MSD	Matrix Spike Duplicate	121	92
880-70291-A-1-D MS	Matrix Spike	125	94
880-70291-A-1-E MSD	Matrix Spike Duplicate	103	88
LCS 880-136510/1-A	Lab Control Sample	87	87
LCS 880-136520/1-A	Lab Control Sample	109	101
LCS 880-136521/1-A	Lab Control Sample	95	94
LCS 880-136529/1-A	Lab Control Sample	121	80
LCS 880-136539/1-A	Lab Control Sample	93	90
LCSD 880-136510/2-A	Lab Control Sample Dup	106	99
LCSD 880-136520/2-A	Lab Control Sample Dup	120	100
LCSD 880-136521/2-A	Lab Control Sample Dup	95	104
LCSD 880-136529/2-A	Lab Control Sample Dup	124	91

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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)
LCSD 880-136539/2-A	Lab Control Sample Dup	91	91
MB 880-136510/5-A	Method Blank	109	93
MB 880-136520/5-A	Method Blank	254 S1+	123
MB 880-136521/5-A	Method Blank	94	95
MB 880-136529/5-A	Method Blank	109	88
MB 880-136539/5-A	Method Blank	105	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-70229-A-1-B MS	Matrix Spike	127	125
880-70229-A-1-C MSD	Matrix Spike Duplicate	129	125
880-70238-1	CS - 1 - 7"	102	117
880-70238-2	CS - 2 - 7"	109	117
880-70238-3	CS - 3 - 7"	114	125
880-70238-4	CS - 4 - 7"	124	139 S1+
880-70238-5	CS - 5 - 7"	120	129
880-70238-6	CS - 6 - 7"	119	131 S1+
880-70238-7	CS - 7 - 7"	112	121
880-70238-8	CS - 8 - 7"	113	127
880-70238-9	CS - 9 - 7"	111	120
880-70238-10	CS - 10 - 7"	120	136 S1+
880-70238-11	CS - 11 - 7"	113	121
880-70238-12	CS - 12 - 7"	131 S1+	149 S1+
880-70238-13	CS - 13 - 7"	110	120
880-70238-14	CS - 14 - 7"	105	112
880-70238-15	CS - 15 - 7"	121	133 S1+
880-70238-16	CS - 16 - 7"	134 S1+	147 S1+
880-70238-17	CS - 17 - 7"	116	112
880-70238-17 MS	CS - 17 - 7"	125	103
880-70238-17 MSD	CS - 17 - 7"	90	86
880-70238-18	CS - 18 - 7"	125	121
880-70238-19	CS - 19 - 7"	134 S1+	108
880-70238-20	CS - 20 - 7"	123	117
880-70238-21	CS - 21 - 7"	78	85
880-70238-22	CS - 22 - 1'	121	113
880-70238-23	SW - 1	126	121
880-70238-24	SW - 2	116	102
880-70238-25	SW - 3	103	100
880-70238-26	SW - 4	130	109
880-70238-27	SW - 5	63 S1-	59 S1-
880-70238-28	SW - 6	116	106
880-70238-29	SW - 7	128	119
880-70238-30	SW - 8	123	122

Surrogate Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-70238-31	SW - 9	123	126
880-70238-32	Backfill	128	114
LCS 880-136315/2-A	Lab Control Sample	123	114
LCS 880-136316/2-A	Lab Control Sample	132 S1+	123
LCSD 880-136315/3-A	Lab Control Sample Dup	134 S1+	121
LCSD 880-136316/3-A	Lab Control Sample Dup	103	98
MB 880-136315/1-A	Method Blank	138 S1+	150 S1+
MB 880-136316/1-A	Method Blank	90	101

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-136510/5-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 09:40	04/01/26 23:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 09:40	04/01/26 23:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 09:40	04/01/26 23:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 09:40	04/01/26 23:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 09:40	04/01/26 23:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 09:40	04/01/26 23:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/01/26 09:40*	*04/01/26 23:49*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/01/26 09:40*	*04/01/26 23:49*	*1*

Lab Sample ID: LCS 880-136510/1-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.06439	*-	mg/Kg		64	70 - 130
Toluene	0.100	0.06380	*-	mg/Kg		64	70 - 130
Ethylbenzene	0.100	0.07918		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1427		mg/Kg		71	70 - 130
o-Xylene	0.100	0.06757	*-	mg/Kg		68	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-136510/2-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136510

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07887		mg/Kg		79	70 - 130	20	35
Toluene	0.100	0.07699		mg/Kg		77	70 - 130	19	35
Ethylbenzene	0.100	0.07794		mg/Kg		78	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1519		mg/Kg		76	70 - 130	6	35
o-Xylene	0.100	0.07842		mg/Kg		78	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-136520/5-A
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 12:26	1

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: MB 880-136520/5-A
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136520

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 10:32	04/01/26 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:32	04/01/26 12:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 10:32	04/01/26 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*254*	*S1+*	*70 - 130*	*04/01/26 10:32*	*04/01/26 12:26*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*04/01/26 10:32*	*04/01/26 12:26*	*1*

Lab Sample ID: LCS 880-136520/1-A
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09957		mg/Kg		100	70 - 130
Toluene	0.100	0.08534		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.1081		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2204		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1184		mg/Kg		118	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-136520/2-A
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136520

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1193		mg/Kg		119	70 - 130	18	35
Toluene	0.100	0.09481		mg/Kg		95	70 - 130	11	35
Ethylbenzene	0.100	0.1236		mg/Kg		124	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.2486		mg/Kg		124	70 - 130	12	35
o-Xylene	0.100	0.1345	*+	mg/Kg		134	70 - 130	13	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-70266-A-11-F MS
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 136520

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1239		mg/Kg		124	70 - 130
Toluene	<0.00200	U	0.100	0.09522		mg/Kg		95	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1293		mg/Kg		129	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2534		mg/Kg		127	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: 880-70266-A-11-F MS
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 136520

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00200	U *+ F1	0.100	0.1367	F1	mg/Kg		137	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-70266-A-11-G MSD
Matrix: Solid
Analysis Batch: 136505

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 136520

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	0.1095		mg/Kg		109	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1255		mg/Kg		126	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2517		mg/Kg		126	70 - 130	1	35
o-Xylene	<0.00200	U *+ F1	0.100	0.1365	F1	mg/Kg		137	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-136521/5-A
Matrix: Solid
Analysis Batch: 136502

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:33	04/01/26 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:33	04/01/26 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:33	04/01/26 12:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 10:33	04/01/26 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:33	04/01/26 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 10:33	04/01/26 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/01/26 10:33*	*04/01/26 12:12*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/01/26 10:33*	*04/01/26 12:12*	*1*

Lab Sample ID: LCS 880-136521/1-A
Matrix: Solid
Analysis Batch: 136502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09267		mg/Kg		93	70 - 130
Toluene	0.100	0.1080		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2060		mg/Kg		103	70 - 130
o-Xylene	0.100	0.09613		mg/Kg		96	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-136521/1-A
Matrix: Solid
Analysis Batch: 136502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136521

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-136521/2-A
Matrix: Solid
Analysis Batch: 136502

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136521

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09986		mg/Kg		100	70 - 130	7	35
Toluene			0.100	0.1070		mg/Kg		107	70 - 130	1	35
Ethylbenzene			0.100	0.09908		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1953		mg/Kg		98	70 - 130	5	35
o-Xylene			0.100	0.09242		mg/Kg		92	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-70256-A-1-F MS
Matrix: Solid
Analysis Batch: 136502

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 136521

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09444		mg/Kg		94	70 - 130
Toluene	<0.00200	U	0.100	0.1079		mg/Kg		108	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2013		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.09522		mg/Kg		95	70 - 130

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

Lab Sample ID: 880-70256-A-1-G MSD
Matrix: Solid
Analysis Batch: 136502

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 136521

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	0.09736		mg/Kg		97	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.1085		mg/Kg		109	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2021		mg/Kg		101	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09526		mg/Kg		95	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: MB 880-136529/5-A
Matrix: Solid
Analysis Batch: 136629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:47	04/02/26 11:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:47	04/02/26 11:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:47	04/02/26 11:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 10:47	04/02/26 11:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 10:47	04/02/26 11:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 10:47	04/02/26 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/01/26 10:47*	*04/02/26 11:03*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/01/26 10:47*	*04/02/26 11:03*	*1*

Lab Sample ID: LCS 880-136529/1-A
Matrix: Solid
Analysis Batch: 136629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09054		mg/Kg		91	70 - 130
Toluene	0.100	0.08938		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1005		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1068		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*

Lab Sample ID: LCSD 880-136529/2-A
Matrix: Solid
Analysis Batch: 136629

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136529

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1113		mg/Kg		111	70 - 130	21	35
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	14	35
Ethylbenzene	0.100	0.1131		mg/Kg		113	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2348		mg/Kg		117	70 - 130	10	35
o-Xylene	0.100	0.1178		mg/Kg		118	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-70291-A-1-D MS
Matrix: Solid
Analysis Batch: 136629

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 136529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.06996		mg/Kg		70	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.04912	F1	mg/Kg		49	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: 880-70291-A-1-D MS
Matrix: Solid
Analysis Batch: 136629

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 136529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.04996	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1019	F1	mg/Kg		51	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.05032	F1	mg/Kg		50	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-70291-A-1-E MSD
Matrix: Solid
Analysis Batch: 136629

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 136529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.02786	F1 F2	mg/Kg		28	70 - 130	86	35
Toluene	<0.00200	U F1 F2	0.100	0.01948	F1 F2	mg/Kg		19	70 - 130	86	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.02175	F1 F2	mg/Kg		22	70 - 130	79	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.04028	F1 F2	mg/Kg		20	70 - 130	87	35
o-Xylene	<0.00200	U F1 F2	0.100	0.02141	F1 F2	mg/Kg		21	70 - 130	81	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: MB 880-136539/5-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 12:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 12:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 12:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/26 11:25	04/01/26 12:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/26 11:25	04/01/26 12:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/26 11:25	04/01/26 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/01/26 11:25*	*04/01/26 12:47*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/01/26 11:25*	*04/01/26 12:47*	*1*

Lab Sample ID: LCS 880-136539/1-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08729		mg/Kg		87	70 - 130
Toluene	0.100	0.08944		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09888		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1839		mg/Kg		92	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-136539/1-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09055		mg/Kg		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-136539/2-A
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136539

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08988		mg/Kg		90	70 - 130	3	35
Toluene	0.100	0.08949		mg/Kg		89	70 - 130	0	35
Ethylbenzene	0.100	0.09576		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1804		mg/Kg		90	70 - 130	2	35
o-Xylene	0.100	0.09008		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-70238-21 MS
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: CS - 21 - 7"
Prep Type: Total/NA
Prep Batch: 136539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09346		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.09498		mg/Kg		95	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1884		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09372		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-70238-21 MSD
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: CS - 21 - 7"
Prep Type: Total/NA
Prep Batch: 136539

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	0.09118		mg/Kg		91	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09282		mg/Kg		93	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09522		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1747		mg/Kg		87	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08823		mg/Kg		88	70 - 130	6	35

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: 880-70238-21 MSD
Matrix: Solid
Analysis Batch: 136503

Client Sample ID: CS - 21 - 7"
Prep Type: Total/NA
Prep Batch: 136539

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-136315/1-A
Matrix: Solid
Analysis Batch: 136730

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136315

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		03/30/26 15:15	04/02/26 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:15	04/02/26 16:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	03/30/26 15:15	04/02/26 16:35	1
o-Terphenyl	150	S1+	70 - 130	03/30/26 15:15	04/02/26 16:35	1

Lab Sample ID: LCS 880-136315/2-A
Matrix: Solid
Analysis Batch: 136730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1053		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1119		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-136315/3-A
Matrix: Solid
Analysis Batch: 136730

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136315

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1125		mg/Kg		113	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1179		mg/Kg		118	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	121		70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: 880-70229-A-1-B MS
Matrix: Solid
Analysis Batch: 136730

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 136315

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1004		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	993.3		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*127*		*70 - 130*
o-Terphenyl	*125*		*70 - 130*

Lab Sample ID: 880-70229-A-1-C MSD
Matrix: Solid
Analysis Batch: 136730

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 136315

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	946.9		mg/Kg		95	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1003		mg/Kg		100	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*129*		*70 - 130*
o-Terphenyl	*125*		*70 - 130*

Lab Sample ID: MB 880-136316/1-A
Matrix: Solid
Analysis Batch: 136732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136316

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		03/30/26 15:20	04/02/26 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/02/26 16:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/26 15:20	04/02/26 16:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/30/26 15:20*	*04/02/26 16:56*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/30/26 15:20*	*04/02/26 16:56*	*1*

Lab Sample ID: LCS 880-136316/2-A
Matrix: Solid
Analysis Batch: 136732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136316

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	945.8		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1029		mg/Kg		103	70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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

Lab Sample ID: LCS 880-136316/2-A
Matrix: Solid
Analysis Batch: 136732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136316

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: LCSD 880-136316/3-A
Matrix: Solid
Analysis Batch: 136732

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136316

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	861.8		mg/Kg		86	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	810.0	*1	mg/Kg		81	70 - 130	24	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 880-70238-17 MS
Matrix: Solid
Analysis Batch: 136732

Client Sample ID: CS - 17 - 7"
Prep Type: Total/NA
Prep Batch: 136316

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U F1	1000	795.6		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U *1 F1 F2	1000	761.5		mg/Kg		74	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 880-70238-17 MSD
Matrix: Solid
Analysis Batch: 136732

Client Sample ID: CS - 17 - 7"
Prep Type: Total/NA
Prep Batch: 136316

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U F1	1000	687.5	F1	mg/Kg		69	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.2	U *1 F1 F2	1000	607.5	F1 F2	mg/Kg		58	70 - 130	22	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	86		70 - 130

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-136378/1-A
Matrix: Solid
Analysis Batch: 136414

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			03/31/26 23:20	1

Lab Sample ID: LCS 880-136378/2-A
Matrix: Solid
Analysis Batch: 136414

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.3		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-136378/3-A
Matrix: Solid
Analysis Batch: 136414

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	254.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-70238-7 MS
Matrix: Solid
Analysis Batch: 136414

Client Sample ID: CS - 7 - 7"
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	285		251	531.5		mg/Kg		98	90 - 110

Lab Sample ID: 880-70238-7 MSD
Matrix: Solid
Analysis Batch: 136414

Client Sample ID: CS - 7 - 7"
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	285		251	532.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-136379/1-A
Matrix: Solid
Analysis Batch: 136415

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/01/26 00:59	1

Lab Sample ID: LCS 880-136379/2-A
Matrix: Solid
Analysis Batch: 136415

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-136379/3-A
Matrix: Solid
Analysis Batch: 136415

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	240.5		mg/Kg		96	90 - 110	0	20

QC Sample Results

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-70238-17 MS
Matrix: Solid
Analysis Batch: 136415

Client Sample ID: CS - 17 - 7"
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1850	F1	1260	3364	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-70238-17 MSD
Matrix: Solid
Analysis Batch: 136415

Client Sample ID: CS - 17 - 7"
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1850	F1	1260	3363	F1	mg/Kg		120	90 - 110	0	20

Lab Sample ID: 880-70238-27 MS
Matrix: Solid
Analysis Batch: 136415

Client Sample ID: SW - 5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1950		1250	3182		mg/Kg		99	90 - 110		

Lab Sample ID: 880-70238-27 MSD
Matrix: Solid
Analysis Batch: 136415

Client Sample ID: SW - 5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1950		1250	3188		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

GC VOA

Analysis Batch: 136502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-11	CS - 11 - 7"	Total/NA	Solid	8021B	136521
MB 880-136521/5-A	Method Blank	Total/NA	Solid	8021B	136521
LCS 880-136521/1-A	Lab Control Sample	Total/NA	Solid	8021B	136521
LCSD 880-136521/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136521
880-70256-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	136521
880-70256-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	136521

Analysis Batch: 136503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-12	CS - 12 - 7"	Total/NA	Solid	8021B	136539
880-70238-13	CS - 13 - 7"	Total/NA	Solid	8021B	136539
880-70238-14	CS - 14 - 7"	Total/NA	Solid	8021B	136539
880-70238-15	CS - 15 - 7"	Total/NA	Solid	8021B	136539
880-70238-16	CS - 16 - 7"	Total/NA	Solid	8021B	136539
880-70238-17	CS - 17 - 7"	Total/NA	Solid	8021B	136510
880-70238-21	CS - 21 - 7"	Total/NA	Solid	8021B	136539
880-70238-22	CS - 22 - 1'	Total/NA	Solid	8021B	136539
880-70238-23	SW - 1	Total/NA	Solid	8021B	136539
880-70238-24	SW - 2	Total/NA	Solid	8021B	136539
880-70238-25	SW - 3	Total/NA	Solid	8021B	136539
880-70238-26	SW - 4	Total/NA	Solid	8021B	136539
880-70238-27	SW - 5	Total/NA	Solid	8021B	136539
880-70238-28	SW - 6	Total/NA	Solid	8021B	136539
880-70238-29	SW - 7	Total/NA	Solid	8021B	136539
880-70238-30	SW - 8	Total/NA	Solid	8021B	136539
880-70238-31	SW - 9	Total/NA	Solid	8021B	136539
880-70238-32	Backfill	Total/NA	Solid	8021B	136539
MB 880-136510/5-A	Method Blank	Total/NA	Solid	8021B	136510
MB 880-136539/5-A	Method Blank	Total/NA	Solid	8021B	136539
LCS 880-136510/1-A	Lab Control Sample	Total/NA	Solid	8021B	136510
LCS 880-136539/1-A	Lab Control Sample	Total/NA	Solid	8021B	136539
LCSD 880-136510/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136510
LCSD 880-136539/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136539
880-70238-21 MS	CS - 21 - 7"	Total/NA	Solid	8021B	136539
880-70238-21 MSD	CS - 21 - 7"	Total/NA	Solid	8021B	136539

Analysis Batch: 136505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Total/NA	Solid	8021B	136520
880-70238-2	CS - 2 - 7"	Total/NA	Solid	8021B	136520
880-70238-3	CS - 3 - 7"	Total/NA	Solid	8021B	136520
880-70238-4	CS - 4 - 7"	Total/NA	Solid	8021B	136520
880-70238-5	CS - 5 - 7"	Total/NA	Solid	8021B	136520
880-70238-6	CS - 6 - 7"	Total/NA	Solid	8021B	136520
880-70238-7	CS - 7 - 7"	Total/NA	Solid	8021B	136520
880-70238-8	CS - 8 - 7"	Total/NA	Solid	8021B	136520
880-70238-9	CS - 9 - 7"	Total/NA	Solid	8021B	136520
880-70238-10	CS - 10 - 7"	Total/NA	Solid	8021B	136520
MB 880-136520/5-A	Method Blank	Total/NA	Solid	8021B	136520
LCS 880-136520/1-A	Lab Control Sample	Total/NA	Solid	8021B	136520
LCSD 880-136520/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136520

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

GC VOA (Continued)

Analysis Batch: 136505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70266-A-11-F MS	Matrix Spike	Total/NA	Solid	8021B	136520
880-70266-A-11-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	136520

Prep Batch: 136510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-17	CS - 17 - 7"	Total/NA	Solid	5035	
MB 880-136510/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-136510/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-136510/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 136520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Total/NA	Solid	5035	
880-70238-2	CS - 2 - 7"	Total/NA	Solid	5035	
880-70238-3	CS - 3 - 7"	Total/NA	Solid	5035	
880-70238-4	CS - 4 - 7"	Total/NA	Solid	5035	
880-70238-5	CS - 5 - 7"	Total/NA	Solid	5035	
880-70238-6	CS - 6 - 7"	Total/NA	Solid	5035	
880-70238-7	CS - 7 - 7"	Total/NA	Solid	5035	
880-70238-8	CS - 8 - 7"	Total/NA	Solid	5035	
880-70238-9	CS - 9 - 7"	Total/NA	Solid	5035	
880-70238-10	CS - 10 - 7"	Total/NA	Solid	5035	
MB 880-136520/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-136520/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-136520/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70266-A-11-F MS	Matrix Spike	Total/NA	Solid	5035	
880-70266-A-11-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 136521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-11	CS - 11 - 7"	Total/NA	Solid	5035	
MB 880-136521/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-136521/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-136521/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70256-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-70256-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 136529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-18	CS - 18 - 7"	Total/NA	Solid	5035	
880-70238-19	CS - 19 - 7"	Total/NA	Solid	5035	
880-70238-20	CS - 20 - 7"	Total/NA	Solid	5035	
MB 880-136529/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-136529/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-136529/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70291-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-70291-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 136539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-12	CS - 12 - 7"	Total/NA	Solid	5035	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

GC VOA (Continued)

Prep Batch: 136539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-13	CS - 13 - 7"	Total/NA	Solid	5035	
880-70238-14	CS - 14 - 7"	Total/NA	Solid	5035	
880-70238-15	CS - 15 - 7"	Total/NA	Solid	5035	
880-70238-16	CS - 16 - 7"	Total/NA	Solid	5035	
880-70238-21	CS - 21 - 7"	Total/NA	Solid	5035	
880-70238-22	CS - 22 - 1'	Total/NA	Solid	5035	
880-70238-23	SW - 1	Total/NA	Solid	5035	
880-70238-24	SW - 2	Total/NA	Solid	5035	
880-70238-25	SW - 3	Total/NA	Solid	5035	
880-70238-26	SW - 4	Total/NA	Solid	5035	
880-70238-27	SW - 5	Total/NA	Solid	5035	
880-70238-28	SW - 6	Total/NA	Solid	5035	
880-70238-29	SW - 7	Total/NA	Solid	5035	
880-70238-30	SW - 8	Total/NA	Solid	5035	
880-70238-31	SW - 9	Total/NA	Solid	5035	
880-70238-32	Backfill	Total/NA	Solid	5035	
MB 880-136539/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-136539/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-136539/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70238-21 MS	CS - 21 - 7"	Total/NA	Solid	5035	
880-70238-21 MSD	CS - 21 - 7"	Total/NA	Solid	5035	

Analysis Batch: 136588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Total/NA	Solid	Total BTEX	
880-70238-2	CS - 2 - 7"	Total/NA	Solid	Total BTEX	
880-70238-3	CS - 3 - 7"	Total/NA	Solid	Total BTEX	
880-70238-4	CS - 4 - 7"	Total/NA	Solid	Total BTEX	
880-70238-5	CS - 5 - 7"	Total/NA	Solid	Total BTEX	
880-70238-6	CS - 6 - 7"	Total/NA	Solid	Total BTEX	
880-70238-7	CS - 7 - 7"	Total/NA	Solid	Total BTEX	
880-70238-8	CS - 8 - 7"	Total/NA	Solid	Total BTEX	
880-70238-9	CS - 9 - 7"	Total/NA	Solid	Total BTEX	
880-70238-10	CS - 10 - 7"	Total/NA	Solid	Total BTEX	
880-70238-11	CS - 11 - 7"	Total/NA	Solid	Total BTEX	
880-70238-12	CS - 12 - 7"	Total/NA	Solid	Total BTEX	
880-70238-13	CS - 13 - 7"	Total/NA	Solid	Total BTEX	
880-70238-14	CS - 14 - 7"	Total/NA	Solid	Total BTEX	
880-70238-15	CS - 15 - 7"	Total/NA	Solid	Total BTEX	
880-70238-16	CS - 16 - 7"	Total/NA	Solid	Total BTEX	
880-70238-17	CS - 17 - 7"	Total/NA	Solid	Total BTEX	
880-70238-18	CS - 18 - 7"	Total/NA	Solid	Total BTEX	
880-70238-19	CS - 19 - 7"	Total/NA	Solid	Total BTEX	
880-70238-20	CS - 20 - 7"	Total/NA	Solid	Total BTEX	
880-70238-21	CS - 21 - 7"	Total/NA	Solid	Total BTEX	
880-70238-22	CS - 22 - 1'	Total/NA	Solid	Total BTEX	
880-70238-23	SW - 1	Total/NA	Solid	Total BTEX	
880-70238-24	SW - 2	Total/NA	Solid	Total BTEX	
880-70238-25	SW - 3	Total/NA	Solid	Total BTEX	
880-70238-26	SW - 4	Total/NA	Solid	Total BTEX	
880-70238-27	SW - 5	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

GC VOA (Continued)

Analysis Batch: 136588 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-28	SW - 6	Total/NA	Solid	Total BTEX	
880-70238-29	SW - 7	Total/NA	Solid	Total BTEX	
880-70238-30	SW - 8	Total/NA	Solid	Total BTEX	
880-70238-31	SW - 9	Total/NA	Solid	Total BTEX	
880-70238-32	Backfill	Total/NA	Solid	Total BTEX	

Analysis Batch: 136629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-18	CS - 18 - 7"	Total/NA	Solid	8021B	136529
880-70238-19	CS - 19 - 7"	Total/NA	Solid	8021B	136529
880-70238-20	CS - 20 - 7"	Total/NA	Solid	8021B	136529
MB 880-136529/5-A	Method Blank	Total/NA	Solid	8021B	136529
LCS 880-136529/1-A	Lab Control Sample	Total/NA	Solid	8021B	136529
LCSD 880-136529/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136529
880-70291-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	136529
880-70291-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	136529

GC Semi VOA

Prep Batch: 136315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-2	CS - 2 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-3	CS - 3 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-4	CS - 4 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-5	CS - 5 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-6	CS - 6 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-7	CS - 7 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-8	CS - 8 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-9	CS - 9 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-10	CS - 10 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-11	CS - 11 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-12	CS - 12 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-13	CS - 13 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-14	CS - 14 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-15	CS - 15 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-16	CS - 16 - 7"	Total/NA	Solid	8015NM Prep	
MB 880-136315/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-136315/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-136315/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70229-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-70229-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 136316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-17	CS - 17 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-18	CS - 18 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-19	CS - 19 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-20	CS - 20 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-21	CS - 21 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-22	CS - 22 - 1'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

GC Semi VOA (Continued)

Prep Batch: 136316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-23	SW - 1	Total/NA	Solid	8015NM Prep	
880-70238-24	SW - 2	Total/NA	Solid	8015NM Prep	
880-70238-25	SW - 3	Total/NA	Solid	8015NM Prep	
880-70238-26	SW - 4	Total/NA	Solid	8015NM Prep	
880-70238-27	SW - 5	Total/NA	Solid	8015NM Prep	
880-70238-28	SW - 6	Total/NA	Solid	8015NM Prep	
880-70238-29	SW - 7	Total/NA	Solid	8015NM Prep	
880-70238-30	SW - 8	Total/NA	Solid	8015NM Prep	
880-70238-31	SW - 9	Total/NA	Solid	8015NM Prep	
880-70238-32	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-136316/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-136316/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-136316/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-70238-17 MS	CS - 17 - 7"	Total/NA	Solid	8015NM Prep	
880-70238-17 MSD	CS - 17 - 7"	Total/NA	Solid	8015NM Prep	

Analysis Batch: 136730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-2	CS - 2 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-3	CS - 3 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-4	CS - 4 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-5	CS - 5 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-6	CS - 6 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-7	CS - 7 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-8	CS - 8 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-9	CS - 9 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-10	CS - 10 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-11	CS - 11 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-12	CS - 12 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-13	CS - 13 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-14	CS - 14 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-15	CS - 15 - 7"	Total/NA	Solid	8015B NM	136315
880-70238-16	CS - 16 - 7"	Total/NA	Solid	8015B NM	136315
MB 880-136315/1-A	Method Blank	Total/NA	Solid	8015B NM	136315
LCS 880-136315/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	136315
LCSD 880-136315/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	136315
880-70229-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	136315
880-70229-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	136315

Analysis Batch: 136732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-17	CS - 17 - 7"	Total/NA	Solid	8015B NM	136316
880-70238-18	CS - 18 - 7"	Total/NA	Solid	8015B NM	136316
880-70238-19	CS - 19 - 7"	Total/NA	Solid	8015B NM	136316
880-70238-20	CS - 20 - 7"	Total/NA	Solid	8015B NM	136316
880-70238-21	CS - 21 - 7"	Total/NA	Solid	8015B NM	136316
880-70238-22	CS - 22 - 1'	Total/NA	Solid	8015B NM	136316
880-70238-23	SW - 1	Total/NA	Solid	8015B NM	136316
880-70238-24	SW - 2	Total/NA	Solid	8015B NM	136316
880-70238-25	SW - 3	Total/NA	Solid	8015B NM	136316

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

GC Semi VOA (Continued)

Analysis Batch: 136732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-26	SW - 4	Total/NA	Solid	8015B NM	136316
880-70238-27	SW - 5	Total/NA	Solid	8015B NM	136316
880-70238-28	SW - 6	Total/NA	Solid	8015B NM	136316
880-70238-29	SW - 7	Total/NA	Solid	8015B NM	136316
880-70238-30	SW - 8	Total/NA	Solid	8015B NM	136316
880-70238-31	SW - 9	Total/NA	Solid	8015B NM	136316
880-70238-32	Backfill	Total/NA	Solid	8015B NM	136316
MB 880-136316/1-A	Method Blank	Total/NA	Solid	8015B NM	136316
LCS 880-136316/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	136316
LCSD 880-136316/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	136316
880-70238-17 MS	CS - 17 - 7"	Total/NA	Solid	8015B NM	136316
880-70238-17 MSD	CS - 17 - 7"	Total/NA	Solid	8015B NM	136316

Analysis Batch: 136852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Total/NA	Solid	8015 NM	
880-70238-2	CS - 2 - 7"	Total/NA	Solid	8015 NM	
880-70238-3	CS - 3 - 7"	Total/NA	Solid	8015 NM	
880-70238-4	CS - 4 - 7"	Total/NA	Solid	8015 NM	
880-70238-5	CS - 5 - 7"	Total/NA	Solid	8015 NM	
880-70238-6	CS - 6 - 7"	Total/NA	Solid	8015 NM	
880-70238-7	CS - 7 - 7"	Total/NA	Solid	8015 NM	
880-70238-8	CS - 8 - 7"	Total/NA	Solid	8015 NM	
880-70238-9	CS - 9 - 7"	Total/NA	Solid	8015 NM	
880-70238-10	CS - 10 - 7"	Total/NA	Solid	8015 NM	
880-70238-11	CS - 11 - 7"	Total/NA	Solid	8015 NM	
880-70238-12	CS - 12 - 7"	Total/NA	Solid	8015 NM	
880-70238-13	CS - 13 - 7"	Total/NA	Solid	8015 NM	
880-70238-14	CS - 14 - 7"	Total/NA	Solid	8015 NM	
880-70238-15	CS - 15 - 7"	Total/NA	Solid	8015 NM	
880-70238-16	CS - 16 - 7"	Total/NA	Solid	8015 NM	
880-70238-17	CS - 17 - 7"	Total/NA	Solid	8015 NM	
880-70238-18	CS - 18 - 7"	Total/NA	Solid	8015 NM	
880-70238-19	CS - 19 - 7"	Total/NA	Solid	8015 NM	
880-70238-20	CS - 20 - 7"	Total/NA	Solid	8015 NM	
880-70238-21	CS - 21 - 7"	Total/NA	Solid	8015 NM	
880-70238-22	CS - 22 - 1'	Total/NA	Solid	8015 NM	
880-70238-23	SW - 1	Total/NA	Solid	8015 NM	
880-70238-24	SW - 2	Total/NA	Solid	8015 NM	
880-70238-25	SW - 3	Total/NA	Solid	8015 NM	
880-70238-26	SW - 4	Total/NA	Solid	8015 NM	
880-70238-27	SW - 5	Total/NA	Solid	8015 NM	
880-70238-28	SW - 6	Total/NA	Solid	8015 NM	
880-70238-29	SW - 7	Total/NA	Solid	8015 NM	
880-70238-30	SW - 8	Total/NA	Solid	8015 NM	
880-70238-31	SW - 9	Total/NA	Solid	8015 NM	
880-70238-32	Backfill	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

HPLC/IC

Leach Batch: 136378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Soluble	Solid	DI Leach	
880-70238-2	CS - 2 - 7"	Soluble	Solid	DI Leach	
880-70238-3	CS - 3 - 7"	Soluble	Solid	DI Leach	
880-70238-4	CS - 4 - 7"	Soluble	Solid	DI Leach	
880-70238-5	CS - 5 - 7"	Soluble	Solid	DI Leach	
880-70238-6	CS - 6 - 7"	Soluble	Solid	DI Leach	
880-70238-7	CS - 7 - 7"	Soluble	Solid	DI Leach	
880-70238-8	CS - 8 - 7"	Soluble	Solid	DI Leach	
880-70238-9	CS - 9 - 7"	Soluble	Solid	DI Leach	
880-70238-10	CS - 10 - 7"	Soluble	Solid	DI Leach	
880-70238-11	CS - 11 - 7"	Soluble	Solid	DI Leach	
880-70238-12	CS - 12 - 7"	Soluble	Solid	DI Leach	
880-70238-13	CS - 13 - 7"	Soluble	Solid	DI Leach	
880-70238-14	CS - 14 - 7"	Soluble	Solid	DI Leach	
880-70238-15	CS - 15 - 7"	Soluble	Solid	DI Leach	
880-70238-16	CS - 16 - 7"	Soluble	Solid	DI Leach	
MB 880-136378/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-136378/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-136378/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70238-7 MS	CS - 7 - 7"	Soluble	Solid	DI Leach	
880-70238-7 MSD	CS - 7 - 7"	Soluble	Solid	DI Leach	

Leach Batch: 136379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-17	CS - 17 - 7"	Soluble	Solid	DI Leach	
880-70238-18	CS - 18 - 7"	Soluble	Solid	DI Leach	
880-70238-19	CS - 19 - 7"	Soluble	Solid	DI Leach	
880-70238-20	CS - 20 - 7"	Soluble	Solid	DI Leach	
880-70238-21	CS - 21 - 7"	Soluble	Solid	DI Leach	
880-70238-22	CS - 22 - 1'	Soluble	Solid	DI Leach	
880-70238-23	SW - 1	Soluble	Solid	DI Leach	
880-70238-24	SW - 2	Soluble	Solid	DI Leach	
880-70238-25	SW - 3	Soluble	Solid	DI Leach	
880-70238-26	SW - 4	Soluble	Solid	DI Leach	
880-70238-27	SW - 5	Soluble	Solid	DI Leach	
880-70238-28	SW - 6	Soluble	Solid	DI Leach	
880-70238-29	SW - 7	Soluble	Solid	DI Leach	
880-70238-30	SW - 8	Soluble	Solid	DI Leach	
880-70238-31	SW - 9	Soluble	Solid	DI Leach	
880-70238-32	Backfill	Soluble	Solid	DI Leach	
MB 880-136379/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-136379/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-136379/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70238-17 MS	CS - 17 - 7"	Soluble	Solid	DI Leach	
880-70238-17 MSD	CS - 17 - 7"	Soluble	Solid	DI Leach	
880-70238-27 MS	SW - 5	Soluble	Solid	DI Leach	
880-70238-27 MSD	SW - 5	Soluble	Solid	DI Leach	

Analysis Batch: 136414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-1	CS - 1 - 7"	Soluble	Solid	300.0	136378

QC Association Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

HPLC/IC (Continued)

Analysis Batch: 136414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-2	CS - 2 - 7"	Soluble	Solid	300.0	136378
880-70238-3	CS - 3 - 7"	Soluble	Solid	300.0	136378
880-70238-4	CS - 4 - 7"	Soluble	Solid	300.0	136378
880-70238-5	CS - 5 - 7"	Soluble	Solid	300.0	136378
880-70238-6	CS - 6 - 7"	Soluble	Solid	300.0	136378
880-70238-7	CS - 7 - 7"	Soluble	Solid	300.0	136378
880-70238-8	CS - 8 - 7"	Soluble	Solid	300.0	136378
880-70238-9	CS - 9 - 7"	Soluble	Solid	300.0	136378
880-70238-10	CS - 10 - 7"	Soluble	Solid	300.0	136378
880-70238-11	CS - 11 - 7"	Soluble	Solid	300.0	136378
880-70238-12	CS - 12 - 7"	Soluble	Solid	300.0	136378
880-70238-13	CS - 13 - 7"	Soluble	Solid	300.0	136378
880-70238-14	CS - 14 - 7"	Soluble	Solid	300.0	136378
880-70238-15	CS - 15 - 7"	Soluble	Solid	300.0	136378
880-70238-16	CS - 16 - 7"	Soluble	Solid	300.0	136378
MB 880-136378/1-A	Method Blank	Soluble	Solid	300.0	136378
LCS 880-136378/2-A	Lab Control Sample	Soluble	Solid	300.0	136378
LCSD 880-136378/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	136378
880-70238-7 MS	CS - 7 - 7"	Soluble	Solid	300.0	136378
880-70238-7 MSD	CS - 7 - 7"	Soluble	Solid	300.0	136378

Analysis Batch: 136415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70238-17	CS - 17 - 7"	Soluble	Solid	300.0	136379
880-70238-18	CS - 18 - 7"	Soluble	Solid	300.0	136379
880-70238-19	CS - 19 - 7"	Soluble	Solid	300.0	136379
880-70238-20	CS - 20 - 7"	Soluble	Solid	300.0	136379
880-70238-21	CS - 21 - 7"	Soluble	Solid	300.0	136379
880-70238-22	CS - 22 - 1'	Soluble	Solid	300.0	136379
880-70238-23	SW - 1	Soluble	Solid	300.0	136379
880-70238-24	SW - 2	Soluble	Solid	300.0	136379
880-70238-25	SW - 3	Soluble	Solid	300.0	136379
880-70238-26	SW - 4	Soluble	Solid	300.0	136379
880-70238-27	SW - 5	Soluble	Solid	300.0	136379
880-70238-28	SW - 6	Soluble	Solid	300.0	136379
880-70238-29	SW - 7	Soluble	Solid	300.0	136379
880-70238-30	SW - 8	Soluble	Solid	300.0	136379
880-70238-31	SW - 9	Soluble	Solid	300.0	136379
880-70238-32	Backfill	Soluble	Solid	300.0	136379
MB 880-136379/1-A	Method Blank	Soluble	Solid	300.0	136379
LCS 880-136379/2-A	Lab Control Sample	Soluble	Solid	300.0	136379
LCSD 880-136379/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	136379
880-70238-17 MS	CS - 17 - 7"	Soluble	Solid	300.0	136379
880-70238-17 MSD	CS - 17 - 7"	Soluble	Solid	300.0	136379
880-70238-27 MS	SW - 5	Soluble	Solid	300.0	136379
880-70238-27 MSD	SW - 5	Soluble	Solid	300.0	136379

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 1 - 7"

Date Collected: 03/27/26 09:03
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 17:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 21:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 21:23	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 00:07	CS	EET MID

Client Sample ID: CS - 2 - 7"

Date Collected: 03/27/26 09:15
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 21:44	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 00:22	CS	EET MID

Client Sample ID: CS - 3 - 7"

Date Collected: 03/27/26 09:24
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 22:04	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 22:04	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 00:27	CS	EET MID

Client Sample ID: CS - 4 - 7"

Date Collected: 03/27/26 09:36
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:52	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 4 - 7"

Date Collected: 03/27/26 09:36
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-4
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			136852	04/02/26 22:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 22:25	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 00:33	CS	EET MID

Client Sample ID: CS - 5 - 7"

Date Collected: 03/27/26 09:43
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-5
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	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 19:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 22:45	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 00:38	CS	EET MID

Client Sample ID: CS - 6 - 7"

Date Collected: 03/27/26 09:57
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 19:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 23:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 23:05	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 00:43	CS	EET MID

Client Sample ID: CS - 7 - 7"

Date Collected: 03/27/26 10:09
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 19:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 23:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/02/26 23:46	FC	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 7 - 7"

Lab Sample ID: 880-70238-7
Matrix: Solid

Date Collected: 03/27/26 10:09
Date Received: 03/30/26 13:26

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	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 00:48	CS	EET MID

Client Sample ID: CS - 8 - 7"

Lab Sample ID: 880-70238-8
Matrix: Solid

Date Collected: 03/27/26 10:17
Date Received: 03/30/26 13:26

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	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 20:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 20:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 00:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 00:07	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 01:04	CS	EET MID

Client Sample ID: CS - 9 - 7"

Lab Sample ID: 880-70238-9
Matrix: Solid

Date Collected: 03/27/26 10:28
Date Received: 03/30/26 13:26

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	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 20:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 00:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 00:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 01:09	CS	EET MID

Client Sample ID: CS - 10 - 7"

Lab Sample ID: 880-70238-10
Matrix: Solid

Date Collected: 03/27/26 10:40
Date Received: 03/30/26 13:26

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	136520	04/01/26 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136505	04/01/26 20:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 20:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 00:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 00:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 01:25	CS	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 11 - 7"

Date Collected: 03/27/26 10:51
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	136521	04/01/26 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136502	04/01/26 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 01:08	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 01:08	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 01:30	CS	EET MID

Client Sample ID: CS - 12 - 7"

Date Collected: 03/27/26 11:02
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 19:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 01:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 01:28	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 01:35	CS	EET MID

Client Sample ID: CS - 13 - 7"

Date Collected: 03/27/26 11:13
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 19:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 01:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 01:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 01:41	CS	EET MID

Client Sample ID: CS - 14 - 7"

Date Collected: 03/27/26 11:26
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 20:13	SA	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 14 - 7"

Date Collected: 03/27/26 11:26
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-14
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			136852	04/03/26 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 02:09	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 01:46	CS	EET MID

Client Sample ID: CS - 15 - 7"

Date Collected: 03/27/26 11:34
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 20:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 02:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 02:29	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136414	04/01/26 01:51	CS	EET MID

Client Sample ID: CS - 16 - 7"

Date Collected: 03/27/26 11:44
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 20:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 02:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136315	03/30/26 15:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136730	04/03/26 02:50	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	136378	03/31/26 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136414	04/01/26 08:24	CS	EET MID

Client Sample ID: CS - 17 - 7"

Date Collected: 03/27/26 11:57
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	136510	04/01/26 09:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/02/26 07:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/02/26 07:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 19:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 19:19	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 17 - 7"

Date Collected: 03/27/26 11:57
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-17
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			4.96 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 01:15	CS	EET MID

Client Sample ID: CS - 18 - 7"

Date Collected: 03/27/26 12:09
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-18
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			4.95 g	5 mL	136529	04/01/26 10:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136629	04/02/26 13:48	SA	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/02/26 13:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 20:21	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 01:30	CS	EET MID

Client Sample ID: CS - 19 - 7"

Date Collected: 03/27/26 12:20
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	136529	04/01/26 10:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136629	04/02/26 14:09	SA	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/02/26 14:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 20:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 20:41	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 01:36	CS	EET MID

Client Sample ID: CS - 20 - 7"

Date Collected: 03/27/26 12:31
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	136529	04/01/26 10:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136629	04/02/26 14:29	SA	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/02/26 14:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 21:02	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136415	04/01/26 01:41	CS	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: CS - 21 - 7"

Date Collected: 03/27/26 12:46
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 13:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 21:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 21:23	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136415	04/01/26 01:46	CS	EET MID

Client Sample ID: CS - 22 - 1'

Date Collected: 03/27/26 12:57
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 13:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 21:44	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136415	04/01/26 02:02	CS	EET MID

Client Sample ID: SW - 1

Date Collected: 03/27/26 01:29
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 13:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 22:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 22:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:07	CS	EET MID

Client Sample ID: SW - 2

Date Collected: 03/27/26 01:38
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 14:11	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 2

Date Collected: 03/27/26 01:38
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			136852	04/02/26 22:25	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 22:25	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:12	CS	EET MID

Client Sample ID: SW - 3

Date Collected: 03/27/26 01:49
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 14:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 22:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:17	CS	EET MID

Client Sample ID: SW - 4

Date Collected: 03/27/26 02:04
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 23:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 23:05	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:23	CS	EET MID

Client Sample ID: SW - 5

Date Collected: 03/27/26 02:17
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 15:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/02/26 23:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/02/26 23:46	FC	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 5

Date Collected: 03/27/26 02:17
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-27
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	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:28	CS	EET MID

Client Sample ID: SW - 6

Date Collected: 03/27/26 02:29
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-28
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			4.95 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 17:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 00:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/03/26 00:07	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:44	CS	EET MID

Client Sample ID: SW - 7

Date Collected: 03/27/26 02:42
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 00:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/03/26 00:27	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 02:49	CS	EET MID

Client Sample ID: SW - 8

Date Collected: 03/27/26 02:59
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 00:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/03/26 00:47	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 03:05	CS	EET MID

Lab Chronicle

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Client Sample ID: SW - 9

Date Collected: 03/27/26 12:46
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 18:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 01:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/03/26 01:08	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	136415	04/01/26 03:10	CS	EET MID

Client Sample ID: Backfill

Date Collected: 03/27/26 01:45
Date Received: 03/30/26 13:26

Lab Sample ID: 880-70238-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	136539	04/01/26 11:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	136503	04/01/26 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136588	04/01/26 19:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			136852	04/03/26 01:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	136316	03/30/26 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136732	04/03/26 01:28	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	136379	03/31/26 10:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	136415	04/01/26 03:15	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

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: Safety & Environmental Solutions
Project/Site: Big cat 16-9 State Fed COM 001H

Job ID: 880-70238-1
SDG: DEV-26-001

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-70238-1	CS - 1 - 7"	Solid	03/27/26 09:03	03/30/26 13:26	7"
880-70238-2	CS - 2 - 7"	Solid	03/27/26 09:15	03/30/26 13:26	7"
880-70238-3	CS - 3 - 7"	Solid	03/27/26 09:24	03/30/26 13:26	7"
880-70238-4	CS - 4 - 7"	Solid	03/27/26 09:36	03/30/26 13:26	7"
880-70238-5	CS - 5 - 7"	Solid	03/27/26 09:43	03/30/26 13:26	7"
880-70238-6	CS - 6 - 7"	Solid	03/27/26 09:57	03/30/26 13:26	7"
880-70238-7	CS - 7 - 7"	Solid	03/27/26 10:09	03/30/26 13:26	7"
880-70238-8	CS - 8 - 7"	Solid	03/27/26 10:17	03/30/26 13:26	7"
880-70238-9	CS - 9 - 7"	Solid	03/27/26 10:28	03/30/26 13:26	7"
880-70238-10	CS - 10 - 7"	Solid	03/27/26 10:40	03/30/26 13:26	7"
880-70238-11	CS - 11 - 7"	Solid	03/27/26 10:51	03/30/26 13:26	7"
880-70238-12	CS - 12 - 7"	Solid	03/27/26 11:02	03/30/26 13:26	7"
880-70238-13	CS - 13 - 7"	Solid	03/27/26 11:13	03/30/26 13:26	7"
880-70238-14	CS - 14 - 7"	Solid	03/27/26 11:26	03/30/26 13:26	7"
880-70238-15	CS - 15 - 7"	Solid	03/27/26 11:34	03/30/26 13:26	7"
880-70238-16	CS - 16 - 7"	Solid	03/27/26 11:44	03/30/26 13:26	7"
880-70238-17	CS - 17 - 7"	Solid	03/27/26 11:57	03/30/26 13:26	7"
880-70238-18	CS - 18 - 7"	Solid	03/27/26 12:09	03/30/26 13:26	7"
880-70238-19	CS - 19 - 7"	Solid	03/27/26 12:20	03/30/26 13:26	7"
880-70238-20	CS - 20 - 7"	Solid	03/27/26 12:31	03/30/26 13:26	7"
880-70238-21	CS - 21 - 7"	Solid	03/27/26 12:46	03/30/26 13:26	7"
880-70238-22	CS - 22 - 1'	Solid	03/27/26 12:57	03/30/26 13:26	1'
880-70238-23	SW - 1	Solid	03/27/26 01:29	03/30/26 13:26	0-7"
880-70238-24	SW - 2	Solid	03/27/26 01:38	03/30/26 13:26	0-7"
880-70238-25	SW - 3	Solid	03/27/26 01:49	03/30/26 13:26	0-7"
880-70238-26	SW - 4	Solid	03/27/26 02:04	03/30/26 13:26	0-7"
880-70238-27	SW - 5	Solid	03/27/26 02:17	03/30/26 13:26	0-7"
880-70238-28	SW - 6	Solid	03/27/26 02:29	03/30/26 13:26	0-7"
880-70238-29	SW - 7	Solid	03/27/26 02:42	03/30/26 13:26	0-7"
880-70238-30	SW - 8	Solid	03/27/26 02:59	03/30/26 13:26	0-7"
880-70238-31	SW - 9	Solid	03/27/26 12:46	03/30/26 13:26	0-7"
880-70238-32	Backfill	Solid	03/27/26 01:45	03/30/26 13:26	0

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

880-70238 Chain of Custody

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4/3/2026

Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	☑ Routine ☐ Rush
Project Number:	DEV-26-001	Due Date:	
Project Location:	Big Cat 16-9 State Fed COM 001H	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Jay Corpus		
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.7
Total Containers:		Corrected Temperature:	5.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
CS-1-7"	S	3/27/2026	9:03	7"	C	1		X	X	X	
CS-2-7"	S	3/27/2026	9:15	7"	C	1		X	X	X	
CS-3-7"	S	3/27/2026	9:24	7"	C	1		X	X	X	
CS-4-7"	S	3/27/2026	9:36	7"	C	1		X	X	X	
CS-5-7"	S	3/27/2026	9:43	7"	C	1		X	X	X	
CS-6-7"	S	3/27/2026	9:57	7"	C	1		X	X	X	
CS-7-7"	S	3/27/2026	10:09	7"	C	1		X	X	X	
CS-8-7"	S	3/27/2026	10:17	7"	C	1		X	X	X	
CS-9-7"	S	3/27/2026	10:28	7"	C	1		X	X	X	
CS-10-7"	S	3/27/2026	10:40	7"	C	1		X	X	X	

Total 200.7 / 6010 **200.8 / 6020:** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	L Mendenhall		3/30/26 1:26	2			
3				4			
5				6			

Revised Date: 08/25/2020 Rev. 2020.2

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4/3/2026

Chain of Custody

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Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order No: _____

Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	☑ Routine ☐ Rush
Project Number:	DEV-26-001	Due Date:	
Project Location:	Big Cat 16-9 State Fed COM 001H	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Jay Corpus		
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
CS-11-7"	S	3/27/2026	10:51	7"	C	1		X	X	X	
CS-12-7"	S	3/27/2026	11:02	7"	C	1		X	X	X	
CS-13-7"	S	3/27/2026	11:13	7"	C	1		X	X	X	
CS-14-7"	S	3/27/2026	11:26	7"	C	1		X	X	X	
CS-15-7"	S	3/27/2026	11:34	7"	C	1		X	X	X	
CS-16-7"	S	3/27/2026	11:44	7"	C	1		X	X	X	
CS-17-7"	S	3/27/2026	11:57	7"	C	1		X	X	X	
CS-18-7"	S	3/27/2026	12:09	7"	C	1		X	X	X	
CS-19-7"	S	3/27/2026	12:20	7"	C	1		X	X	X	
CS-20-7"	S	3/27/2026	12:31	7"	C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	L Mendenhall		3/30/26 1:26	2		
3				4		
5				6		

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www.xenco.com Page 3 of 4

Work Order No: _____

Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
Address:	1501 W Bender Blvd	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	
Project Number:	DEV-26-001	☑ Routine ☐ Rush	
Project Location:	Big Cat 16-9 State Fed COM 001H	Due Date:	
Sampler's Name:	Jay Corpus	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
CS-21-7"	S	3/27/2026	12:46	7"	C	1		X	X	X	
CS-22-1'	S	3/27/2026	12:57	1'	C	1		X	X	X	
SW-1	S	3/27/2026	1:29	0-7"	C	1		X	X	X	
SW-2	S	3/27/2026	1:38	0-7"	C	1		X	X	X	
SW-3	S	3/27/2026	1:49	0-7"	C	1		X	X	X	
SW-4	S	3/27/2026	2:04	0-7"	C	1		X	X	X	
SW-5	S	3/27/2026	2:17	0-7"	C	1		X	X	X	
SW-6	S	3/27/2026	2:29	0-7"	C	1		X	X	X	
SW-7	S	3/27/2026	2:42	0-7"	C	1		X	X	X	
SW-8	S	3/27/2026	2:59	0-7"	C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 R Mendenhall		3/30/26 1:26	3		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

4/3/2026

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4/3/2026

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Project Manager:	Leslie Mendenhall	Bill to: (if different)	Devon Energy
Company Name:	Safety & Environmental Solutions	Company Name:	Devon Energy
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Phone:	575-973-5675	Email:	lmendenhall@sesi-nm.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Big Cat 16-9 State Fed COM 001H	Turn Around	☑ Routine ☐ Rush
Project Number:	DEV-26-001	Due Date:	
Project Location:	Big Cat 16-9 State Fed COM 001H	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Jay Corpus		
PO #:	Devon WO# 22051451		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride	TPH	BTEX	Sample Comments
SW-9	S	3/27/2026	12:46	0-7"	C	1		X	X	X	
BACKFILL	S	3/27/2026	1:45	0	C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	
					C	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	L Mendenhall		3/30/26 1:20			
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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Login Sample Receipt Checklist

Client: Safety & Environmental Solutions

Job Number: 880-70238-1
SDG Number: DEV-26-001

Login Number: 70238
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

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

Appendix E. NMOCD Correspondence

OCD Permitting

nAPP2602053608 BIG CAT 16 9 STATE FEDERAL COM #001H

Quick L
- General
- Material
- Events
- Orders
- Action S

Associa
- Incident
- Well File

New Se
- New Fac
- New Inci
- New Op
- New Pit
- New We

General Incident Information

Well:	[30-025-43196] BIG CAT 16 9 STATE FEDERAL COM #001H
Facility:	
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP
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:	E-16-23S-32E 2590 FNL 614 FWL
Lat/Long:	32.304731,-103.686176 NAD83
District:	Hobbs
County:	Lea (25)
Surface Owner:	State

Severity Indicators

Resulted In Fire:	☐	Resulted In Injury:	☐
Endangered Public Health:	☐	Will or Has Reached Watercourse:	☐
Fresh Water Contamination:	☐	Property Or Environmental Damage:	☐

Notes

Source of Referral:	Industry Rep
Action / Escalation:	

Contact Details

Contact Name:	
Contact Title:	

Event Dates

Date of Discovery:	01/20/2026	Initial C-141 Report Due:	2/4/2026
		Remediation Closure Report Due:	04/20/2026

Incident Dates

19.15.29 NMAC - RELEASES

Type	Action	Received	Denied	Approved
Sampling Notice	[565853]	03/24/2026		03/24/2026
Initial C-141 Report	[546259]	01/26/2026		01/27/2026
Notification	[544811]	01/20/2026		01/20/2026

19.15.30 NMAC - REMEDIATION

Type	Action	Received	Denied	Approved

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Released to Imaging: 6/17/2026 8:48:19 AM

OCD Permitting

Cause	Source	Material	Unk.	Released	Recovered	Lost	Units
Equipment Failure	Well	Produced Water		27	0	27	BBL

The concentration of dissolved chloride in the produced water >10,000 mg/l: ☑ Yes ☐ No

Cause of Release OR Additional Details provided for materials released:
Stuffing box leak to pad surface.

Incident Events

Date	Detail
03/24/2026	The (03/24/2026, C-141N) application [565853] was assigned to this incident.
01/27/2026	The (01/27/2026, C-141) application [546259] was accepted by OCD. The operator was emailed with details of this event.
01/27/2026	An application [546259] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
01/26/2026	The (01/27/2026, C-141) application [546259] was assigned to this incident.
01/20/2026	The (01/20/2026, NOR) application [544811] was assigned to this incident.
01/20/2026	Release discovered by the operator.
01/20/2026	New incident created by the operator, upon the submission of notification of release.

Incident Severity

Major release as defined by 19.15.29.7(A) NMAC?
☑ Yes ☐ No

From paragraph A. "Major release" determine using:
(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

Incident Corrective Actions

Initial Response

☑ The source of the release has been stopped.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☑ All free liquids and recoverable materials have been removed and managed appropriately.

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

No site characterization data was found for this incident.

Remediation Plan

Have the lateral and vertical extents of contamination been fully delineated? ☐ Yes ☑ No

On what estimated date will the remediation commence?

Released to Imaging: 6/17/2026 8:48:19 AM

OCD Permitting

No remediation closure report data was found for this incident.

No reclamation report data was found for this incident.

No re-vegetation report data was found for this incident.

Orders

No Orders Found

Released to Imaging: 6/17/2026 8:48:19 AM

OCD Permitting

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	565853	**Districts:**	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	**Counties:**	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , BIG CAT 16 9 STATE FEDERAL COM #001H , nAPP2602053608		
Status:	Approved		
Status Date:	03/24/2026		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2602053608
Incident Name	NAPP2602053608 BIG CAT 16 9 STATE FEDERAL COM #001H @ 30-025-43196
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-43196] BIG CAT 16 9 STATE FEDERAL COM #001H

Location of Release Source

Site Name	BIG CAT 16 9 STATE FEDERAL COM #001H
Date Release Discovered	01/20/2026
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,533
What is the estimated number of samples that will be gathered	31

Released to Imaging: 6/17/2026 8:48:19 AM

OCD Permitting

Please provide any information necessary for observers to contact samplers	Leslie Mendenhall (575) 973-5675
Please provide any information necessary for navigation to sampling site	32.304731, -103.686176

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

jraley (3/24/2026). Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

jraley (3/24/2026). If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

Go Back

Released to Imaging: 6/17/2026 8:48:19 AM

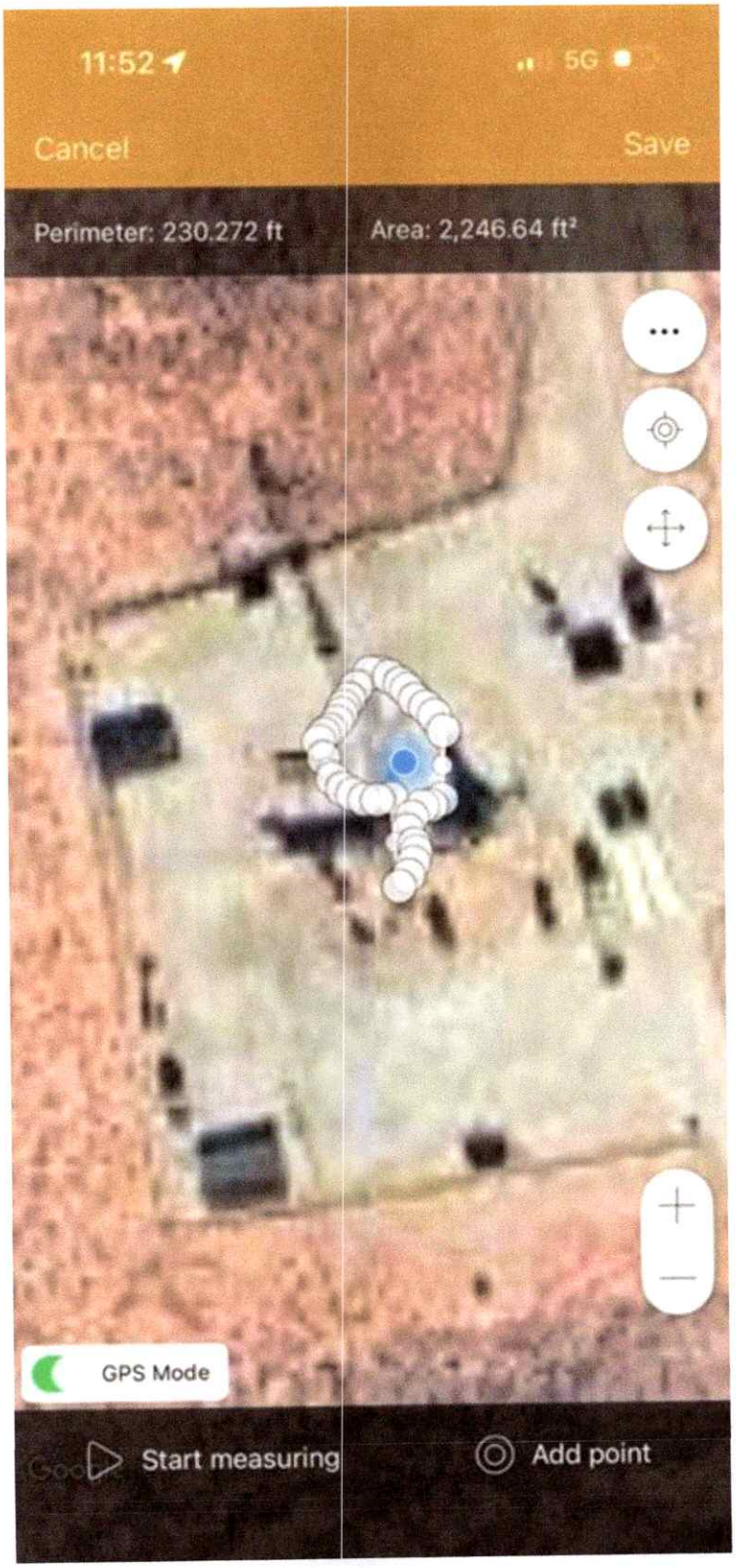
Spill Volume Calculations

Free Standing Fluid Volume

How do you want to enter area?	Total area from app	
Area from app (ft^2)	2246.64	
Depth of fluid	0.75	in
Number of Tanks in Fluid Affected Area (if any):		
Tank Diameter (if needed):		ft
Volume of Standing Fluid	25.01	bbl

Contaminated Soil Calculations

How do you want to enter area?	Total area from app	
Area from app (ft^2)	2246.64	
Depth of impacted soil	0.25	in
Soil Type	Caliche	
Spilled Material	Oil / Produced Water	
Soil Saturation	Wet - hand is wet/muddy after handling	
Volume of Spill In Soil	2.53	bbls
Total Spill Volume	**27.54**	bbls


11:52
5G
Cancel
Save
Perimeter: 230.272 ft
Area: 2,246.64 ft²
GPS Mode
Start measuring
Add point

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 578084

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 578084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2602053608**
Incident Name	**NAPP2602053608 BIG CAT 16 9 STATE FEDERAL COM #001H @ 30-025-43196**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-43196] BIG CAT 16 9 STATE FEDERAL COM #001H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BIG CAT 16 9 STATE FEDERAL COM #001H
Date Release Discovered	01/20/2026
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: Equipment Failure | Well | Produced Water | Released: 27 BBL | Recovered: 0 BBL | Lost: 27 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)	Stuffing box leak to pad surface.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 578084
	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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2026

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QUESTIONS (continued)

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (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	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
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.	
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)	4240
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2140
GRO+DRO (EPA SW-846 Method 8015M)	2146
BTEX (EPA SW-846 Method 8021B or 8260B)	7
Benzene (EPA SW-846 Method 8021B or 8260B)	0
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.	
On what estimated date will the remediation commence	03/20/2026
On what date will (or did) the final sampling or liner inspection occur	03/27/2026
On what date will (or was) the remediation complete(d)	04/16/2026
What is the estimated surface area (in square feet) that will be reclaimed	4533
What is the estimated volume (in cubic yards) that will be reclaimed	168
What is the estimated surface area (in square feet) that will be remediated	4533
What is the estimated volume (in cubic yards) that will be remediated	168
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.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
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 hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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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 (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**565853**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/27/2026**
What was the (estimated) number of samples that were to be gathered	**31**
What was the sampling surface area in square feet	**4533**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
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	4533
What was the total volume (cubic yards) remediated	168
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2026

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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

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CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	6/17/2026