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January 6, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Site Characterization and Remediation Work Plan
Pilot Water Solutions
Mars
Unit A, Section 10, Township 24S, Range 33E
Site Coordinates: 32.239357, -103.553353
Lea County, New Mexico
Incident ID: nAPP2213737452

Introduction

On behalf of Pilot Water Solutions (Pilot), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for release number: nAPP2213737452 – Mars (Site). The Site is in Unit Letter A, Section 10, of Township 24 South and Range 33 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.239357° N latitude and 103.553353° W longitude. The site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

Background

Based on the Release Notification C-141 Form, the release was discovered on May 12, 2022, and was due to an equipment failure on the injection header. Upon discovery, all wells associated with the produced water pipeline were shut in, the area secured, and pipeline secured. The spill resulted in a release of approximately three hundred (300) barrels (bbls) of produced water of which two hundred and forty (240) bbls of produced water were recovered for a net loss of sixty (60) bbls of produced water. The release area is shown on Figure 3.

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Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Initial Soil Delineation Assessment Summary and Findings

On October 7 and 8, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Twelve (12) vertical sample points (S-1 through S-12) were installed within the release area and fifteen (15) horizontal sample points (H-1 through H-15) were installed outside the release area in order to vertically and horizontally characterize the impacts. Soil samples were collected at half (0.5) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft below ground surface (bgs) with a geotechnical hand auger. The auger was decontaminated with Alconox® and deionized water between sample points to prevent cross contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins Laboratories in Carlsbad, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (Method SW846 8021B), total petroleum hydrocarbon (TPH) (Method SW846 8015B), and chloride (method EPA 300.0). Analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits for S-5 to a depth of four and a half (4.5) ft bgs, and S-11 at various depths ranging from two (2) to four and a half (4.5) ft bgs.

On October 28, 2024, NTGE conducted additional delineation activities in the area of S-5, S-11, S-13, and S-14 to assess the vertical extent of impacts that were identified during the initial assessment on October 7 and 8, 2024. In the area of S-5, three vertical delineation samples were

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collected in half (0.5) ft intervals starting at a depth of five (5) to seven and a half (7.5) ft. In the area of S-11, one vertical delineation sample was collected at a depth of five and a half (5.5) ft bgs. In the area of S-13 and S-14, one vertical delineation sample was collected in half (0.5) ft intervals starting at surface depth. Analytical results indicated that S-11 at a depth of five and a half (5.5) ft bgs exhibited chloride concentrations above NMOCD regulatory criteria. All soil samples collected for S-5, S-13, and S-14 were below NMOCD regulations, thus achieving vertical delineation for the impacted area.

Analytical results are included in Table 1, while soil boring and delineated locations are shown on Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

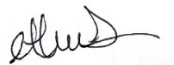
Proposed Work Plan

After receiving and evaluating the soil boring data NTGE proposes to excavate the area of S-5 to a depth of five and a half (5.5) ft bgs, and S-11 to a depth of seven and a half (7.5) ft bgs, to ensure that the impacted soil has been removed from the Site. Approximately 2,129 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown on Figure 4.

Upon completion of the excavation, confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl -B or EPA 300.0. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table I Closure Criteria.

If you have any questions regarding this letter, please contact us at (432)-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Nick Hart
Project Manager

Attachments:

- Tables
- Figures
- Photographic Log
- Site Characterization Documentation
- Laboratory Reports and Chain-of-Custody Documents

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Mars
Pilot Water Solutions
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
Vertical Delineation Samples														
S-1	10/7/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	13.2	
	10/7/2024	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	39.3	
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	49.9	
	10/7/2024	(3'-3.5')	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	96.4	
S-2	10/7/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	15.3	
	10/7/2024	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	79.5	
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	22.2	
	10/7/2024	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	7.72	
S-3	10/7/2024	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<4.95	
	10/7/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	22.5	
	10/7/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.7	<49.7	<49.7	<49.7	<49.7	192	
	10/7/2024	(2'-2.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	24.0	
S-4	10/7/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	12.6	
	10/7/2024	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	7.09	
	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	57.8	
	10/7/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	190	
S-5	10/7/2024	(2'-2.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	62.4	
	10/7/2024	(3'-3.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	65.6	
	10/7/2024	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	38.5	
	10/7/2024	(0-0.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	27.9	
S-6	10/8/2024	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	37.4	
	10/8/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	38.5	
	10/8/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	97.6	
	10/8/2024	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	1,060	
S-7	10/28/2024	(5-5.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	383	
	10/28/2024	(6-6.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	105	
	10/28/2024	(7-7.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	49.5	
	10/8/2024	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	61.9	
S-8	10/7/2024	(1'-1.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	315	
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	80.5	
	10/7/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	84.5	
	10/7/2024	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	85.1	
S-9	10/7/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	17.3	
	10/7/2024	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	78.2	
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	50.0	
	10/7/2024	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	25.0	
S-10	10/7/2024	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	30.9	

Table 1
Summary of Soil Analytical Data - Delineation Samples
Mars
Pilot Water Solutions
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
S-8	10/7/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	<4.98	
	10/7/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	34.6	
	10/7/2024	(2'-2.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	132	
	10/7/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	94.6	
	10/7/2024	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	127	
S-9	10/8/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<5.02	
	10/8/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<5.04	
	10/8/2024	(2'-2.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05	
	10/8/2024	(3'-3.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	8.72	
	10/8/2024	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	11.4	
S-10	10/8/2024	(0-0.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	<5.04	
	10/8/2024	(1'-1.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	<5.02	
	10/8/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	283	
	10/8/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	32.7	
	10/8/2024	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	63.5	
S-11	10/8/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	7.36	
	10/8/2024	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	129	
	10/8/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	868	
	10/8/2024	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	1,460	
	10/8/2024	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	2,120	
	10/28/2024	(5-5.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	2,000	
S-12	10/8/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	5.97	
	10/8/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	5.19	
	10/8/2024	(2'-2.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	12.4	
	10/8/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	13.6	
	10/8/2024	(4'-4.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	26.1	
S-13	10/28/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	25.9	
S-14	10/28/2024	(4'-4.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	39.9	
Horizontal Delineation Samples														
H-1	10/8/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	16.0	
H-2	10/8/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	33.8	
H-3	10/8/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	34.2	
H-4	10/8/2024	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	29.0	
H-5	10/8/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<4.96	
H-6	10/8/2024	(0-0.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05	
H-7	10/8/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	<4.98	
H-8	10/8/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<4.96	
H-9	10/8/2024	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	6.31	
H-10	10/8/2024	(0-0.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	<5.01	
H-11	10/8/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<5.04	
H-12	10/8/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	<5.03	
H-13	10/8/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	<5.05	

Table 1
Summary of Soil Analytical Data - Delineation Samples
Mars
Pilot Water Solutions
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
H-14	10/8/2024	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
H-15	10/8/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<4.99

Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

SP-1 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

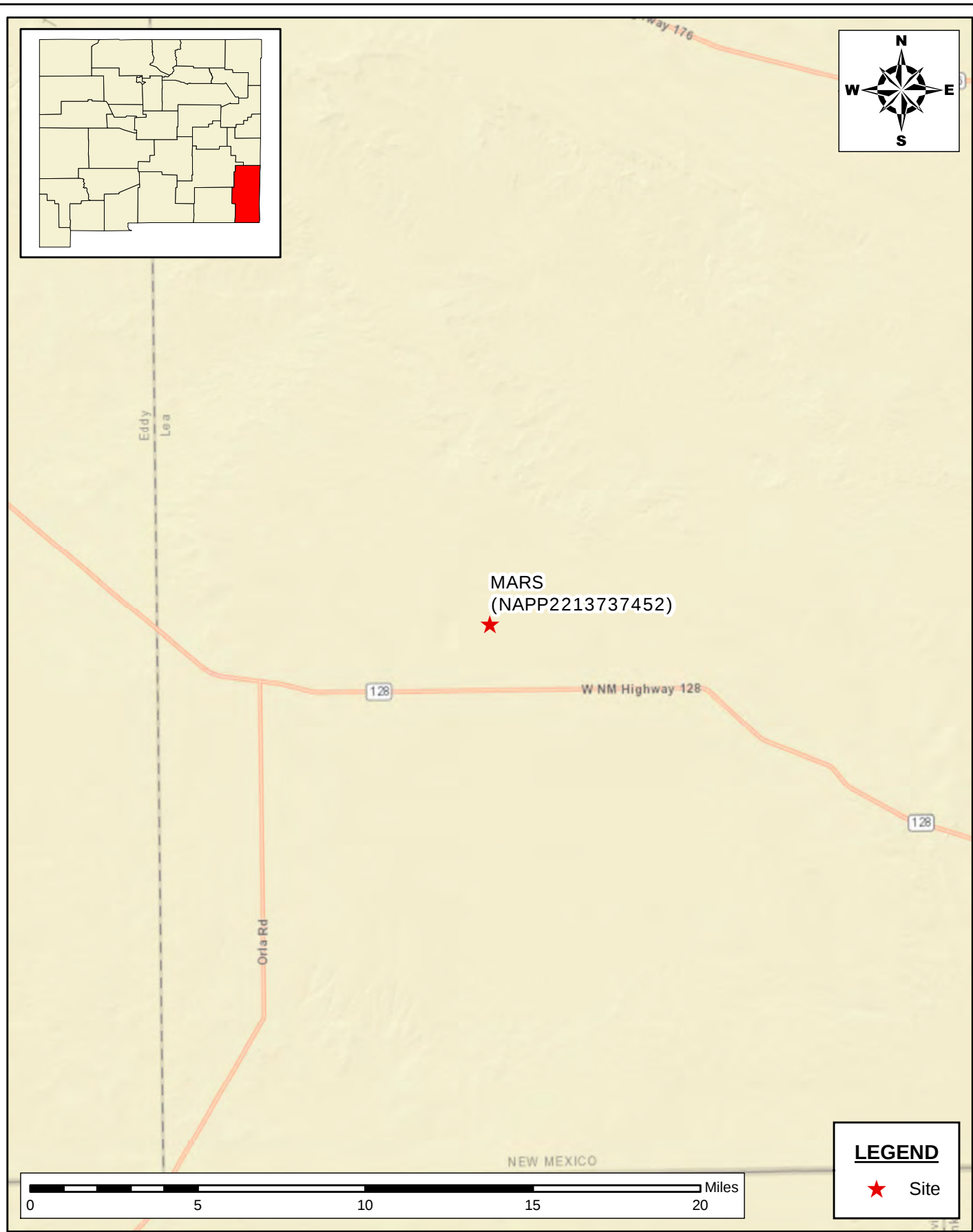
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

FIGURES

Document Path: C:\Users\ntg\Documents\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PILOT WATER SOLUTIONS\248762 - Mars\7- Figures\GIS\Figure_1_SLM.mxd



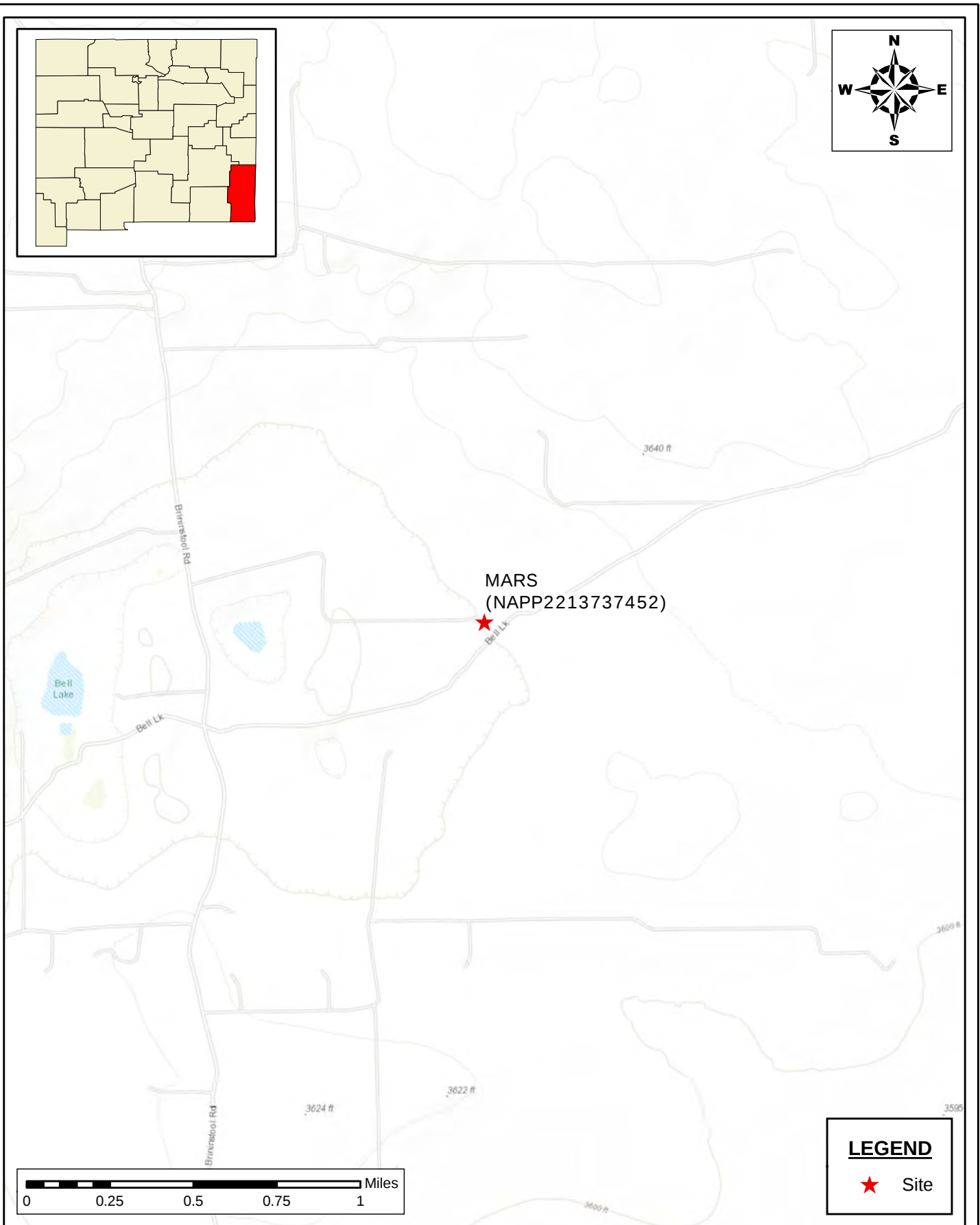
SITE LOCATION MAP SITE CHARACTERIZATION AND REMEDIATION WORKPLAN PILOT WATER SOLUTIONS MARS LEA COUNTY, NEW MEXICO		
SCALE: As Shown	Date: 11/19/2024	PROJECT #:248762

 New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroinmental.com
--

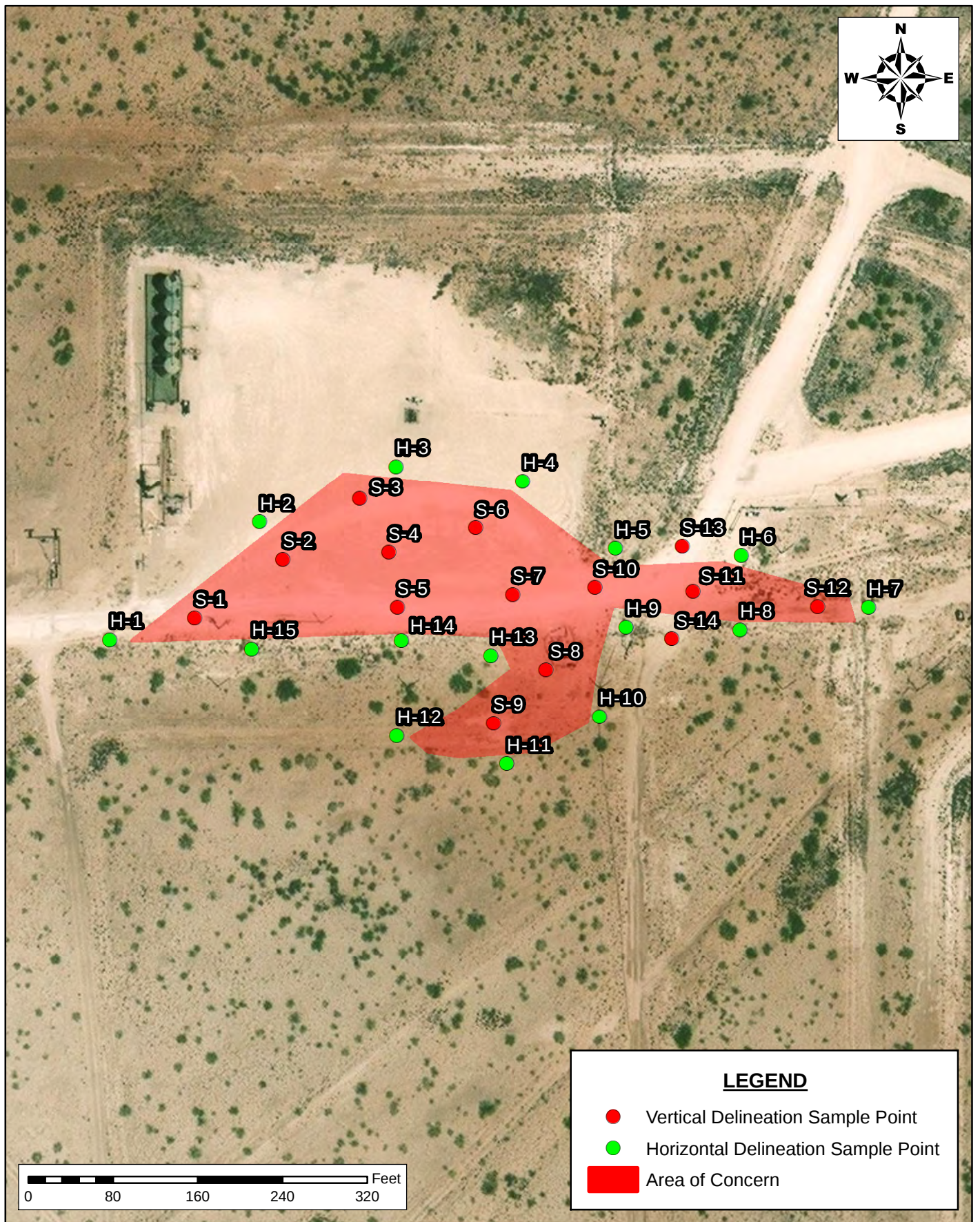
NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
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DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1

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**DELINEATION MAP
SITE CHARACTERIZATION AND REMEDIATION
WORKPLAN
PILOT WATER SOLUTIONS
MARS
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 12/4/2024 PROJECT #:248762



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviroinmental.com

NOTES:

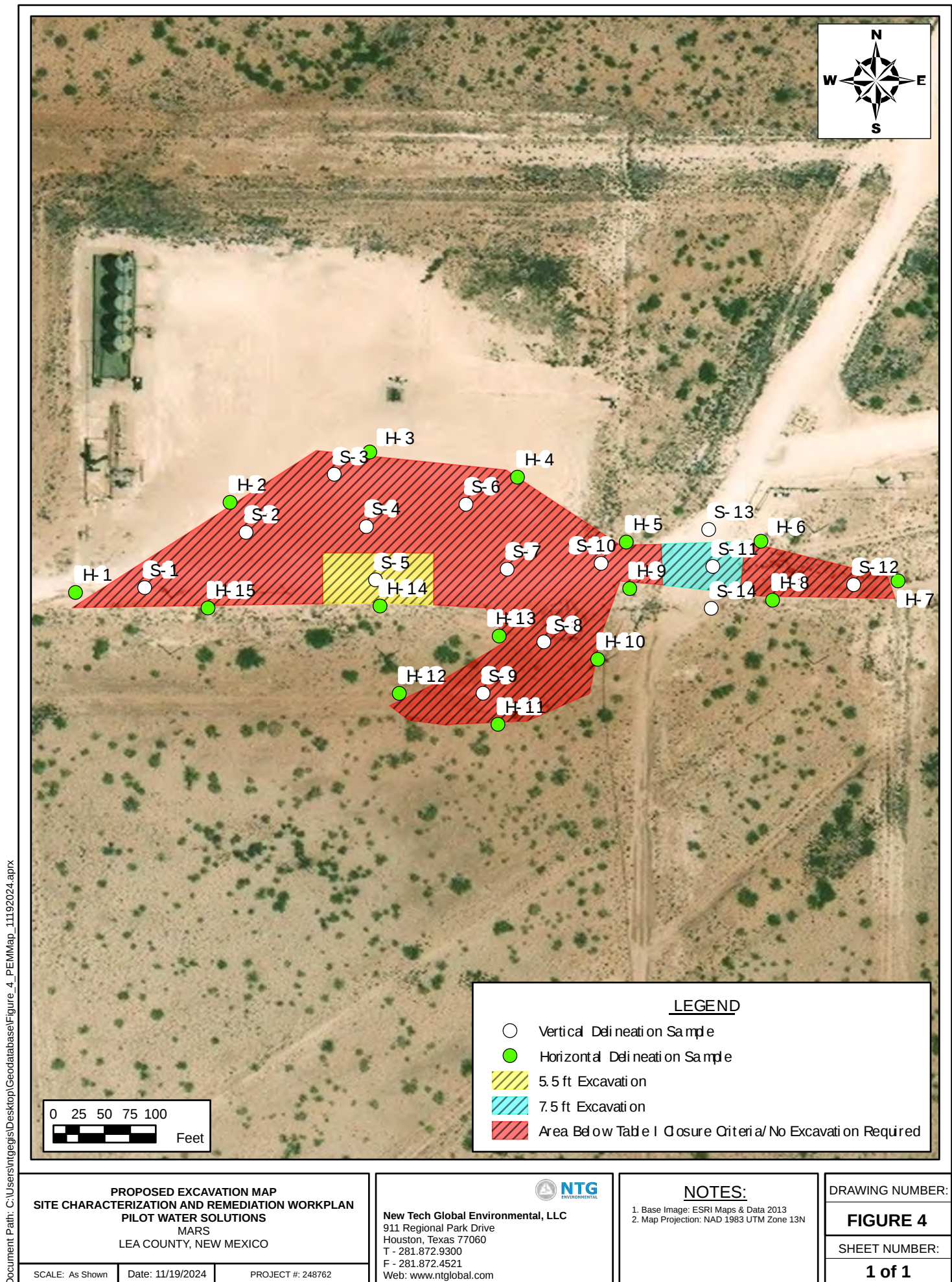
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



Proposed Excavation Map

Pilot Water Solutions
Mars
Lea County, New Mexico
32.239357, -103.553353

Area of Yellow: 4,543 sqft x 5.5ft ~ 926 CY

Area of Blue: 3,050 sqft x 7.5ft ~ 848 CY

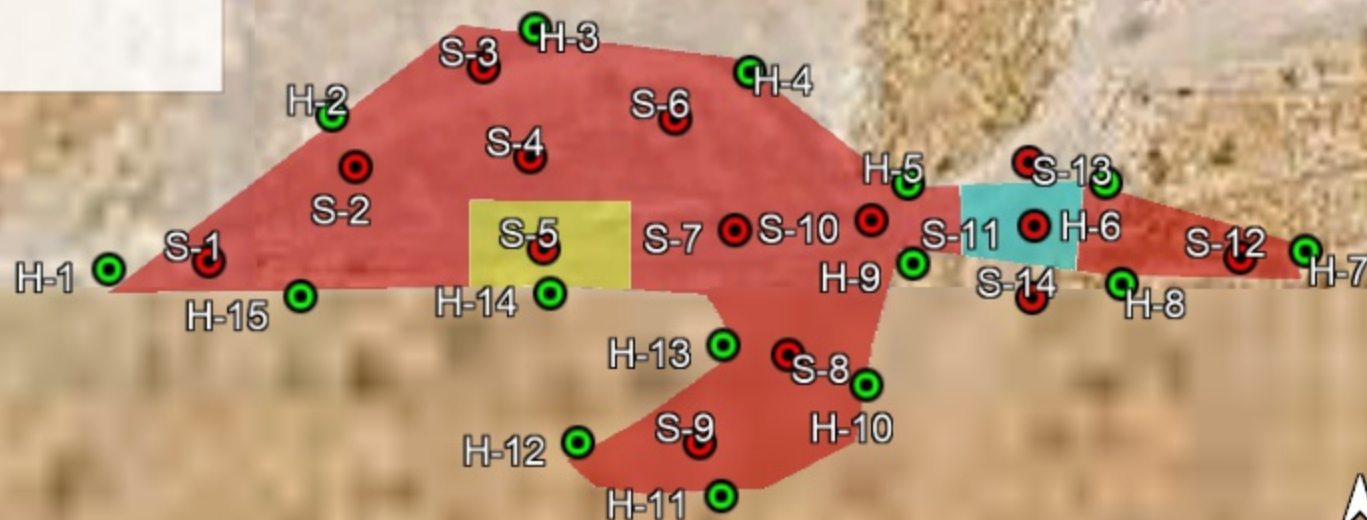
Area of Red: Below Regulatory Criteria/No Excavation Required

Total Excavated Volume: 2,129 CY

CY - Cubic Yards
sqft - Square Feet

Legend

- 5.5 ft Excavation
- 7.5 ft Excavation
- Area Below Regulatory Criteria/No Excavation Required
- Horizontal Delineation Sample
- Vertical Delineation Sample



Google Earth

SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

Mars

NMOCD Closure Criteria		Source/Notes
Depth to Groundwater (ft bgs)	N/a	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/a	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	3280	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50	X	600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

Karst Map



1:9,028

Low

BLM, OCD, New Mexico Tech, Oil Conservation Division
of the New Mexico Energy, Minerals and Natural
Resources Department., OCD, Maxar, BLM

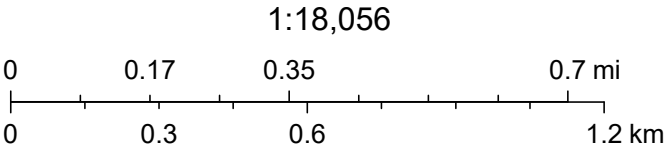
OSE POD Location Map



5/31/2024, 11:45:34 AM

- Override 1
- GIS WATERS PODs
- Active
- Pending
- Inactive
- OSE District Boundary

- Water Right Regulations
- Closure Area
- Artesian Planning Area
- New Mexico State Trust Lands
- Subsurface Estate
- Both Estates
- NHD Flowlines
- Artificial Path
- Stream River



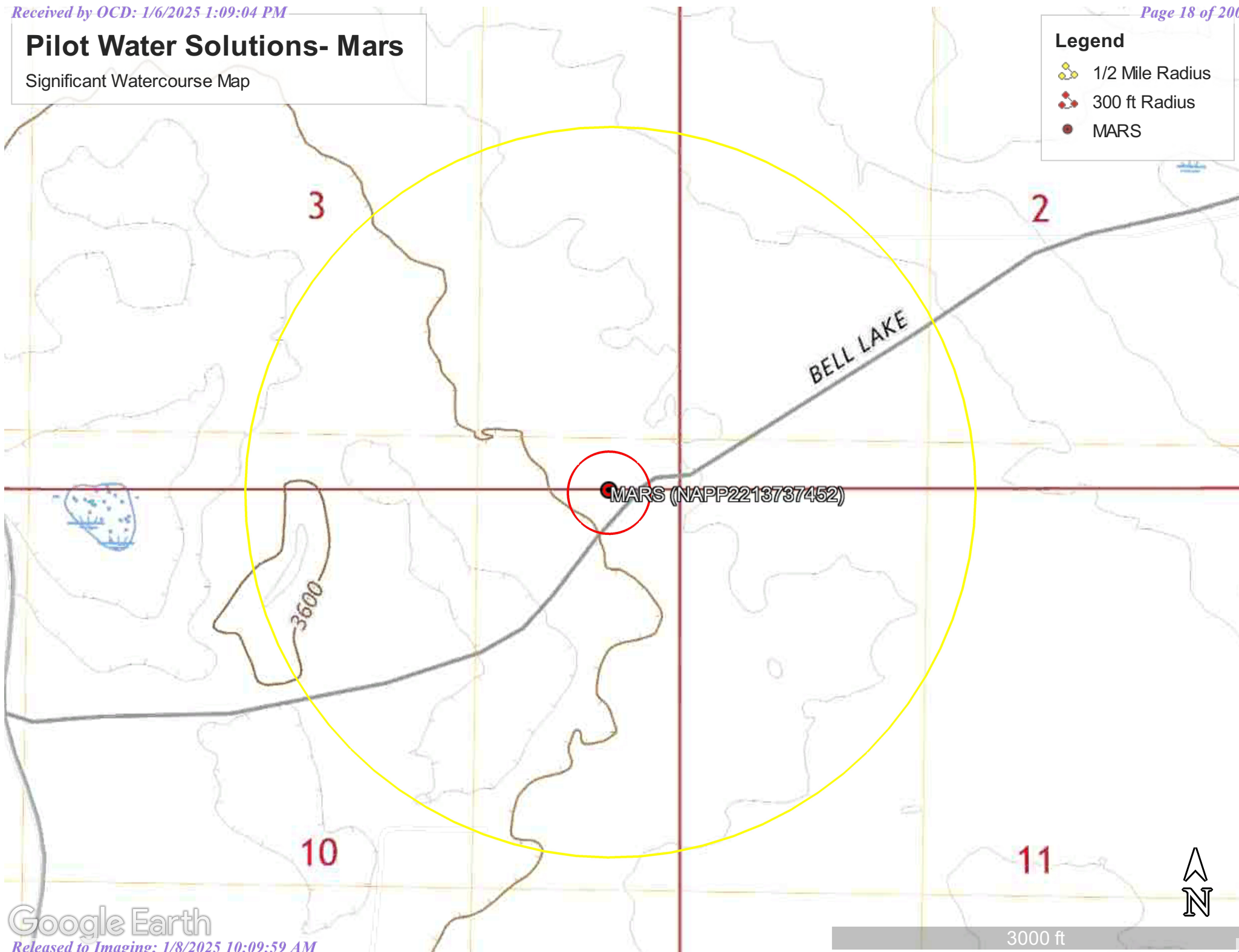
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Pilot Water Solutions- Mars

Significant Watercourse Map

Legend

-  1/2 Mile Radius
-  300 ft Radius
-  MARS



Legend

Basemap

Query

Source

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Riverine

Hydrogeomorphic Mapping (HGM) Polygons

Depressional

Flats

Lacustrine Fringe

Riverine

Slope

Landscape Position and Water Body (LLWW) Linears

Lentic (LE)

Lotic Rİver (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons

Landform (LLWW)

NWI Linears

Palustrine Emergent (PEM)

Palustrine Forested (PFO)

Palustrine Rock Bottom (PRB)

Palustrine Scrub Shrub (PSS)

Palustrine Unconsolidated (PUB, PUS)

Riverine (R2, R3, R4)

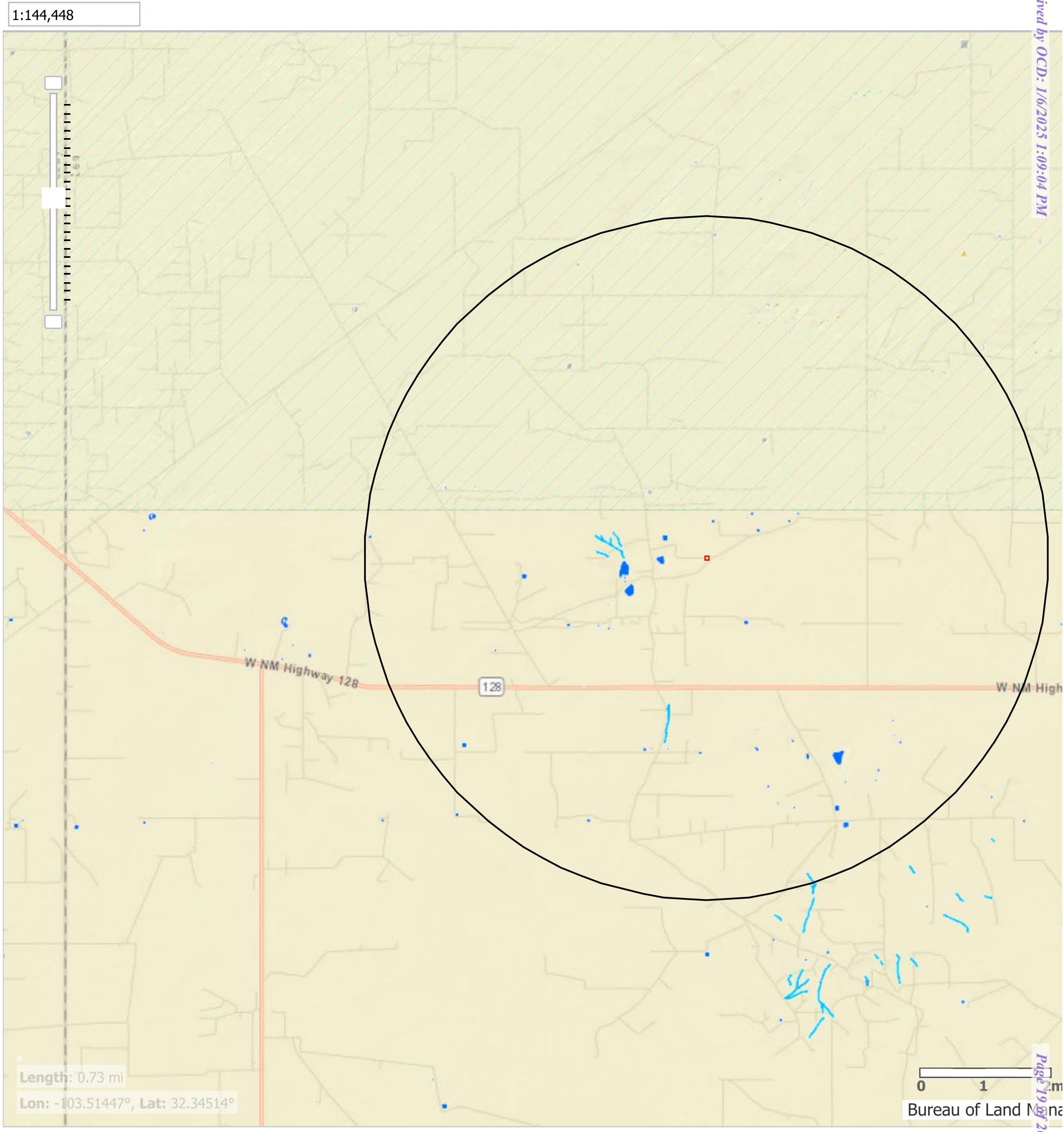
NWI Polygons

Lacustrine (L1, L2)

Palustrine Aquatic Bed (PAB)

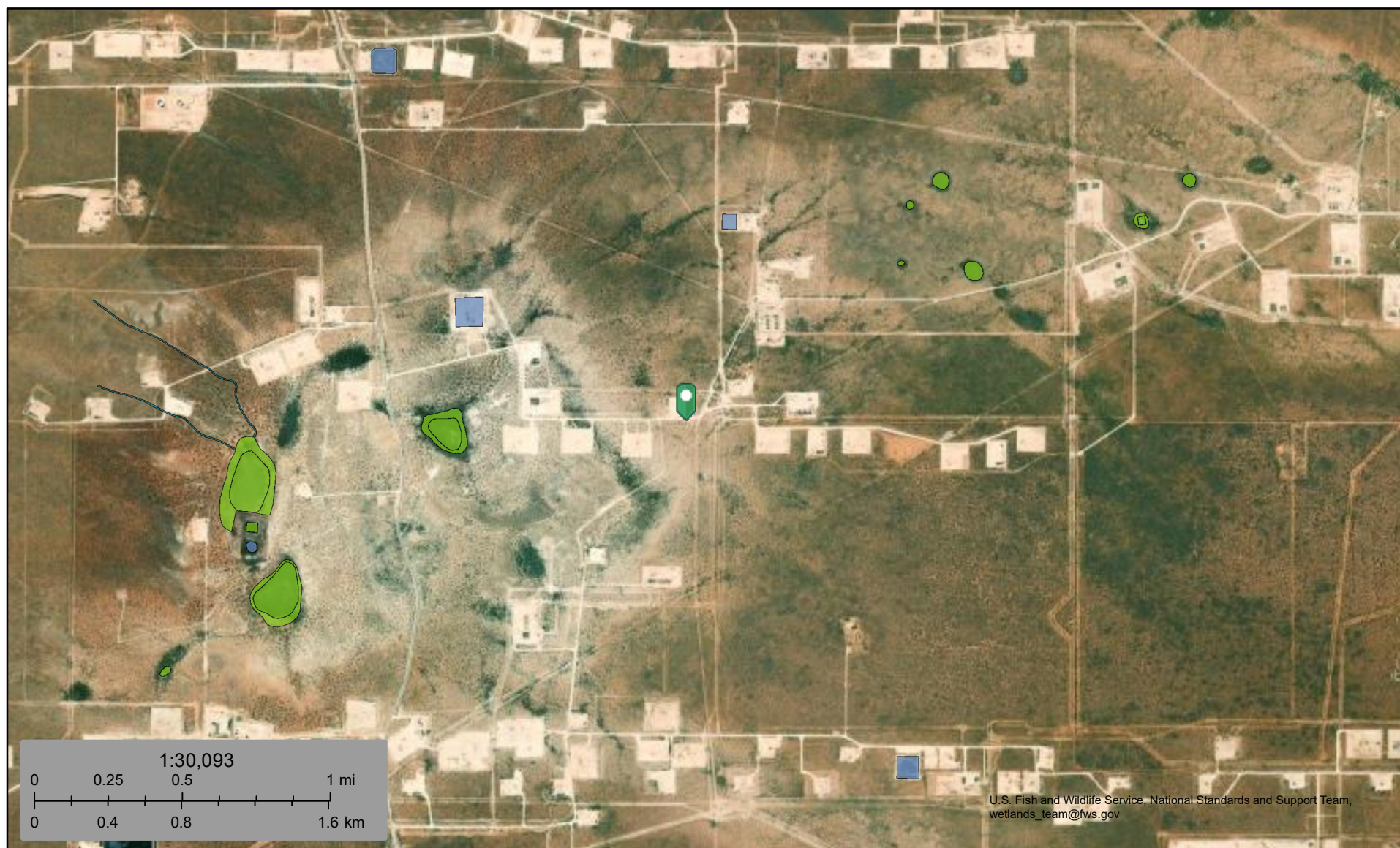
Palustrine Emergent (PEM)

Palustrine Forested (PFO)





Wetlands



May 31, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

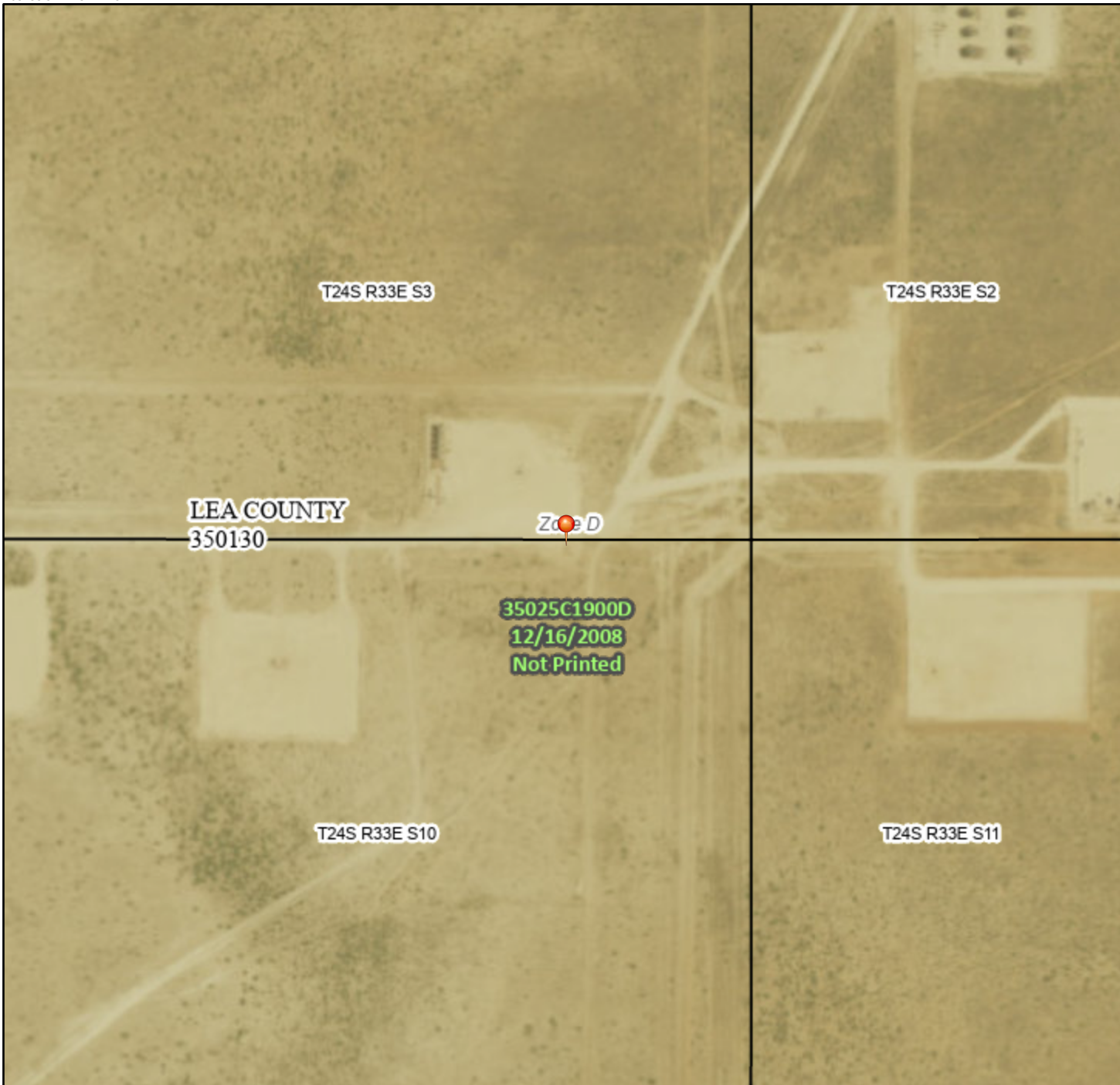
- Lake
- Other
- Riverine

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 Flood Hazard Layer FIRMMette



103°33'31"W 32°14'37"N



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

1:6,000

103°32'53"W 32°14'6"N

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 D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent 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 5/31/2024 at 1:42 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.

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Pilot Water Solutions

Mars

Photograph No. 1**Facility:** Mars**County:** Lea County, New Mexico**Description:**
Area of Concern.**Photograph No. 2****Facility:** Mars**County:** Lea County, New Mexico**Description:**
Area of Concern.**Photograph No. 3****Facility:** Mars**County:** Lea County, New Mexico**Description:**
Area of Concern.

PHOTOGRAPHIC LOG**Pilot Water Solutions****Mars****Photograph No. 4****Facility:** Mars**County:** Lea County, New Mexico**Description:**

Area of Concern and 10.7.24 Delineation Activities

Jal, NM 88252, USA

☉ 208° S (T) • 32.23975, -103.553489 ±7 m ▲ 1074m



07 Oct 2024, 3:19:37 PM

Photograph No. 5**Facility:** Mars**County:** Lea County, New Mexico**Description:**

Area of Concern and 10.8.24 Delineation Activities

Jal, NM 88252, USA

☉ 52° NE (T) • 32.239297, -103.553454 ±6 m ▲ 1074m



08 Oct 2024, 1:45:35 PM

Photograph No. 6**Facility:** Mars**County:** Lea County, New Mexico**Description:**

Area of Concern and 10.28.24 Delineation Activities

Jal, NM 88252, USA

☉ 193° S (T) • 32.239561, -103.552914 ±11 m ▲ 1089m



28 Oct 2024, 1:36:32 PM

RIGHT-OF-ENTRY DOCUMENTATION



Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

July 25, 2024

OWL SWD Operating, LLC
20 Greenway Plaza, Suite 500
Houston, TX 77046

Attn: Shelly Cowden

Re: Right-of-Entry Permit No.: **RE-7115 MARS**

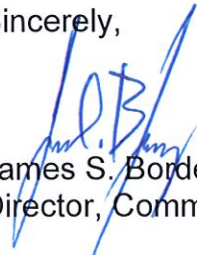
Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Samantha Martinez of my staff at (505) 827-4003.

Sincerely,


James S. Bordegaray
Director, Commercial Resources Division

JSB/sm



NEW MEXICO STATE LAND OFFICE
 Commissioner of Public Lands
 Stephanie Garcia Richard
 New Mexico State Land Office Building
 P.O. Box 1148, Santa Fe, NM 87504-1148

**RIGHT OF ENTRY PERMIT
 CONTRACT NO. RE – 7115**

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS (the "Commissioner") and

OWL SWD Operating, LLC
20 Greenway Plaza, Suite 500
Houston, TX 77046

("Permittee"). The parties agree as follows:

1. RIGHT OF ENTRY ("ROE")

The Commissioner grants to Permittee, and its authorized representatives, employees, and contractors, permission to use the state trust lands identified below (the "Premises"), and ingress and egress to the Premises, for the sole purposes of (1) surveying/conducting an environmental investigation due to a crude oil and produced water release on or adjacent to the site of the MARS (Incident # nAPP2213741252) and (2) conducting surface reclamation activities, including removal of equipment and debris, and any required remediation per 19.15.29.12 NMAC.

The Premises are situated in the following location in Lea County, New Mexico::

Section	Township	Range	Subdivision	County	Longitude/Latitude
10	24S	33E	SE4NE4	Lea	32.239357/-103.553353

2. TERM AND TERMINATION

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. FEES

\$ 50.00 Application Fee
 \$ 500.00 Permit Fee
 \$ 550.00 Total Fee

RE-7115

4. CONDITIONS OF USE

- A. The issuance of this ROE does not guarantee that any subsequent lease, permit, or any other instrument will be issued to Permittee for the Premises.
- B. No blading or widening of any roads that provide access to the Premises is permitted under this ROE.
- C. No sale of any material extracted from the Premises is allowed under this ROE.
- D. Permittee shall observe all applicable federal, state, and local laws and regulations.
- E. Permittee shall take all reasonable precautions to prevent and suppress forest, brush, and grass fires and prevent pollution of waters on or in the vicinity of the Premises.
- F. Permittee shall not block or disrupt roads or trails commonly in use.
- G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and effect.
- H. Permittee shall be responsible for repair and restitution for damage to any Premises or improvements as a result of activities related to the ROE.
- I. Prior to entering the Premises, Permittee must identify and contact any existing surface lessees. The grant of this ROE does not allow access across private lands.
- J. Permittee may utilize this ROE upon its execution for inspection of the Premises and to conduct any necessary tests or inspections. Permittee may not conduct remediation or reclamation work until it has submitted a written plan for such work, and received State Land Office approval.
- K. Personnel present on Premises: **Earth Movers, Environmental Contractors, Operator Personnel**
- L. Equipment and materials present on Premises: **Earth moving equipment**

5. SITE CONDITIONS

- A. No surface disturbance, other than soil tests, except as described in a reclamation plan submitted to and approved by the State Land Office.
- B. Access to the Premises shall be over existing roads.
- C. The natural environmental conditions that exist contemporaneously with this grant of ROE shall be preserved and protected. Permittee must follow all applicable environmental and cultural resource protection laws and regulations.

6. INDEMNITY

Permittee shall save, hold harmless, indemnify, and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of Permittee's operations or presence on the Premises (or operations or presence of his representatives, employees, or contractors).

7. SURVIVAL OF TERMS

Permittee's obligations regarding indemnity, site conditions, and compliance with applicable standards and laws, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability, claim, loss, damage or expense.

8. NOTIFICATION

Permittee must notify the State Land Office immediately in the event Permittee or his representatives, employees, or contractors observe any spill, fire, or other emergency on the Premises, or if Permittee or his representatives, employees, or contractors experience any serious injury while on the Premises.

RE-7115

WITNESS the hands of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

David Grounds Digitally signed by David Grounds
Date: 2024.07.18 17:30:01 -05'00'

DATE: 7/18/24

PERMITTEE SIGNATURE

David Grounds

VP, Regulatory Compliance

PERMITTEE NAME AND TITLE (PRINT)

SEAL:

BY:

Stephanie Garcia Richard
Commissioner of Public Lands

DATE:



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global
701 Tradewinds Blvd
Midland, Texas 79706
Generated 10/11/2024 1:31:33 PM

JOB DESCRIPTION

MARS
248762

JOB NUMBER

890-7216-1



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
10/11/2024 1:31:33 PM

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

Client: NT Global
Project/Site: MARS

Laboratory Job ID: 890-7216-1
SDG: 248762

Table of Contents

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Definitions/Glossary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: NT Global
Project: MARS

Job ID: 890-7216-1

Job ID: 890-7216-1

Eurofins Carlsbad

Job Narrative
890-7216-1

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

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

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

Receipt

The samples were received on 10/8/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S - 1 (0 - .5) (890-7216-1), S - 1 (1 - 1.5) (890-7216-2), S - 1 (2 - 2.5) (890-7216-3), S - 1 (3 - 3.5) (890-7216-4), S - 2 (0 - .5) (890-7216-5), S - 2 (1 - 1.5) (890-7216-6), S - 2 (2 - 2.5) (890-7216-7), S - 2 (3 - 3.5) (890-7216-8), S - 2 (4 - 4.5) (890-7216-9), S - 3 (0 - .5) (890-7216-10), S - 3 (1 - 1.5) (890-7216-11), S - 3 (2 - 2.5) (890-7216-12), S - 3 (3 - 3.5) (890-7216-13), S - 3 (4 - 4.5) (890-7216-14), S - 4 (0 - .5) (890-7216-15), S - 4 (1 - 1.5) (890-7216-16), S - 4 (2 - 2.5) (890-7216-17), S - 4 (3 - 3.5) (890-7216-18), S - 4 (4 - 4.5) (890-7216-19), S - 5 (0 - .5) (890-7216-20), S - 6 (1 - 1.5) (890-7216-21), S - 6 (2 - 2.5) (890-7216-22), S - 6 (3 - 3.5) (890-7216-23), S - 6 (4 - 4.5) (890-7216-24), S - 7 (0 - .5) (890-7216-25), S - 7 (1 - 1.5) (890-7216-26), S - 7 (2 - 2.5) (890-7216-27), S - 7 (3 - 3.5) (890-7216-28), S - 7 (4 - 4.5) (890-7216-29), S - 8 (0 - .5) (890-7216-30), S - 8 (1 - 1.5) (890-7216-31), S - 8 (2 - 2.5) (890-7216-32), S - 8 (3 - 3.5) (890-7216-33), S - 8 (4 - 4.5) (890-7216-34), S - 9 (0 - 0.5) (890-7216-35), S - 9 (1 - 1.5) (890-7216-36), S - 9 (2 - 2.5) (890-7216-37), S - 9 (3 - 3.5) (890-7216-38), S - 9 (4 - 4.5) (890-7216-39), S - 10 (0 - .5) (890-7216-40), S - 10 (1 - 1.5) (890-7216-41), S - 10 (2 - 2.5) (890-7216-42), S - 10 (3 - 3.5) (890-7216-43), S - 10 (4 - 4.5) (890-7216-44), S - 11 (0 - .5) (890-7216-45), S - 11 (1 - 1.5) (890-7216-46), S - 11 (2 - 2.5) (890-7216-47), S - 11 (3 - 3.5) (890-7216-48), S - 11 (4 - 4.5) (890-7216-49), S - 12 (0 - .5) (890-7216-50), S - 12 (1 - 1.5) (890-7216-51), S - 12 (2 - 2.5) (890-7216-52), S - 12 (3 - 3.5) (890-7216-53), S - 12 (4 - 4.5) (890-7216-54), H - 1 (0 - .5) (890-7216-55), H - 2 (0 - .5) (890-7216-56), H - 3 (0 - .5) (890-7216-57), H - 4 (0 - .5) (890-7216-58), H - 5 (0 - .5) (890-7216-59), H - 6 (0 - .5) (890-7216-60), H - 7 (0 - .5) (890-7216-61), H - 8 (0 - .5) (890-7216-62), H - 9 (0 - .5) (890-7216-63), H - 10 (0 - .5) (890-7216-64), H - 11 (0 - .5) (890-7216-65), H - 12 (0 - .5) (890-7216-66), H - 13 (0 - .5) (890-7216-67), H - 14 (0 - .5) (890-7216-68), H - 15 (0 - .5) (890-7216-69), S-5 (1-1.5') (890-7216-70), S-5 (2-2.5') (890-7216-71), S-5 (3-3.5') (890-7216-72), S-5 (4-4.5') (890-7216-73) and S-6 (0-0.5) (890-7216-74).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92860 and analytical batch 880-92829 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-92827 recovered above the upper control limit for Benzene, Ethylbenzene and m-Xylene & p-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-92827/2).

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-92848 and analytical batch 880-92827 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 880-92848 and analytical batch 880-92827 was outside the upper control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-92825 recovered above the upper control limit for o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-92825/20).

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 1 (0 - .5) (890-7216-1), S - 1 (1 - 1.5)

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Case Narrative

Client: NT Global
Project: MARS

Job ID: 890-7216-1

Job ID: 890-7216-1 (Continued)

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(890-7216-2), S - 1 (2 - 2.5) (890-7216-3), S - 1 (3 - 3.5) (890-7216-4), S - 2 (0 - .5) (890-7216-5), S - 2 (1 - 1.5) (890-7216-6), S - 2 (2 - 2.5) (890-7216-7), S - 2 (3 - 3.5) (890-7216-8), S - 2 (4 - 4.5) (890-7216-9), S - 3 (0 - .5) (890-7216-10), S - 3 (1 - 1.5) (890-7216-11), S - 3 (2 - 2.5) (890-7216-12), S - 3 (3 - 3.5) (890-7216-13), S - 3 (4 - 4.5) (890-7216-14), S - 4 (0 - .5) (890-7216-15), S - 4 (1 - 1.5) (890-7216-16), S - 4 (2 - 2.5) (890-7216-17), S - 4 (3 - 3.5) (890-7216-18), S - 4 (4 - 4.5) (890-7216-19), S - 5 (0 - .5) (890-7216-20), (CCV 880-92825/2), (CCV 880-92825/20), (CCV 880-92825/33), (LCS 880-92847/1-A), (LCSD 880-92847/2-A), (MB 880-92847/5-A), (890-7216-A-1-G MS) and (890-7216-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-92848 and analytical batch 880-92827 recovered outside control limits for the following analytes: <AffectedAnalytes>. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-92818 and analytical batch 880-92883 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92818/2-A) and (LCSD 880-92818/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-7216-A-1-B MS) and (890-7216-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-92753/2-A) and (LCSD 880-92753/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H - 10 (0 - .5) (890-7216-64), H - 12 (0 - .5) (890-7216-66) and S-5 (2-2.5) (890-7216-71). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 890-7216-1

Date Collected: 10/07/24 09:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 12:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 12:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 12:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:23	10/09/24 12:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 12:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:23	10/09/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130	10/09/24 09:23	10/09/24 12:09	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/09/24 09:23	10/09/24 12:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 13:25	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		10/09/24 08:22	10/09/24 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 13:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/09/24 08:22	10/09/24 13:25	1
o-Terphenyl	108		70 - 130	10/09/24 08:22	10/09/24 13:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		5.05		mg/Kg			10/09/24 12:21	1

Client Sample ID: S - 1 (1 - 1.5)

Lab Sample ID: 890-7216-2

Date Collected: 10/07/24 09:05

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 12:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	10/09/24 09:23	10/09/24 12:29	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/09/24 09:23	10/09/24 12:29	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 1 (1 - 1.5)

Lab Sample ID: 890-7216-2

Date Collected: 10/07/24 09:05

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 14:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 14:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				10/09/24 08:22	10/09/24 14:12	1
o-Terphenyl	102		70 - 130				10/09/24 08:22	10/09/24 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		5.01		mg/Kg			10/09/24 12:40	1

Client Sample ID: S - 1 (2 - 2.5)

Lab Sample ID: 890-7216-3

Date Collected: 10/07/24 09:10

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				10/09/24 09:23	10/09/24 12:49	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/09/24 09:23	10/09/24 12:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 14:28	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		10/09/24 08:22	10/09/24 14:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 14:28	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 1 (2 - 2.5)

Lab Sample ID: 890-7216-3

Date Collected: 10/07/24 09:10

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				10/09/24 08:22	10/09/24 14:28	1
o-Terphenyl	99		70 - 130				10/09/24 08:22	10/09/24 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.9		4.96		mg/Kg			10/09/24 12:47	1

Client Sample ID: S - 1 (3 - 3.5)

Lab Sample ID: 890-7216-4

Date Collected: 10/07/24 09:15

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 13:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 13:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 13:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/09/24 09:23	10/09/24 13:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 13:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/09/24 09:23	10/09/24 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				10/09/24 09:23	10/09/24 13:10	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/09/24 09:23	10/09/24 13:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/09/24 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 14:44	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	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 14:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 14:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/09/24 08:22	10/09/24 14:44	1
o-Terphenyl	101		70 - 130				10/09/24 08:22	10/09/24 14:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.4		5.05		mg/Kg			10/09/24 13:05	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 2 (0 - .5)

Lab Sample ID: 890-7216-5

Date Collected: 10/07/24 09:20

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 13:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 13:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 13:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:23	10/09/24 13:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 13:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:23	10/09/24 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130	10/09/24 09:23	10/09/24 13:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/09/24 09:23	10/09/24 13:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 15:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 15:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/09/24 08:22	10/09/24 15:00	1
o-Terphenyl	105		70 - 130	10/09/24 08:22	10/09/24 15:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		4.99		mg/Kg			10/09/24 13:12	1

Client Sample ID: S - 2 (1 - 1.5)

Lab Sample ID: 890-7216-6

Date Collected: 10/07/24 09:25

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 13:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 13:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 13:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 13:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 13:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	10/09/24 09:23	10/09/24 13:51	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/09/24 09:23	10/09/24 13:51	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 2 (1 - 1.5)

Lab Sample ID: 890-7216-6

Date Collected: 10/07/24 09:25

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 15:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 15:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/09/24 08:22	10/09/24 15:16	1
o-Terphenyl	103		70 - 130				10/09/24 08:22	10/09/24 15:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.5		4.96		mg/Kg			10/09/24 13:18	1

Client Sample ID: S - 2 (2 - 2.5)

Lab Sample ID: 890-7216-7

Date Collected: 10/07/24 09:30

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130				10/09/24 09:23	10/09/24 14:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/09/24 09:23	10/09/24 14:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 15:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 15:32	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 2 (2 - 2.5)

Lab Sample ID: 890-7216-7

Date Collected: 10/07/24 09:30

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/09/24 08:22	10/09/24 15:32	1
o-Terphenyl	103		70 - 130				10/09/24 08:22	10/09/24 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		5.04		mg/Kg			10/09/24 13:24	1

Client Sample ID: S - 2 (3 - 3.5)

Lab Sample ID: 890-7216-8

Date Collected: 10/07/24 09:35

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 14:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/09/24 09:23	10/09/24 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 14:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/09/24 09:23	10/09/24 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				10/09/24 09:23	10/09/24 14:32	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/09/24 09:23	10/09/24 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/09/24 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 15:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/09/24 08:22	10/09/24 15:48	1
o-Terphenyl	107		70 - 130				10/09/24 08:22	10/09/24 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.72		4.97		mg/Kg			10/09/24 13:31	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 2 (4 - 4.5)

Lab Sample ID: 890-7216-9

Date Collected: 10/07/24 09:40

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 14:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 14:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	10/09/24 09:23	10/09/24 14:52	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/09/24 09:23	10/09/24 14:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 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	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 16:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	10/09/24 08:22	10/09/24 16:05	1
o-Terphenyl	109		70 - 130	10/09/24 08:22	10/09/24 16:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			10/09/24 13:37	1

Client Sample ID: S - 3 (0 - .5)

Lab Sample ID: 890-7216-10

Date Collected: 10/07/24 09:45

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 15:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 15:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 15:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/24 09:23	10/09/24 15:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 15:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:23	10/09/24 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130	10/09/24 09:23	10/09/24 15:13	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/09/24 09:23	10/09/24 15:13	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 3 (0 - .5)

Lab Sample ID: 890-7216-10

Date Collected: 10/07/24 09:45

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 16:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 16:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				10/09/24 08:22	10/09/24 16:20	1
o-Terphenyl	104		70 - 130				10/09/24 08:22	10/09/24 16:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.5		4.95		mg/Kg			10/09/24 13:43	1

Client Sample ID: S - 3 (1 - 1.5)

Lab Sample ID: 890-7216-11

Date Collected: 10/07/24 09:50

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 16:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 16:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 16:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:23	10/09/24 16:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 16:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:23	10/09/24 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130				10/09/24 09:23	10/09/24 16:48	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/09/24 09:23	10/09/24 16:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/09/24 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 16:52	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 16:52	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 3 (1 - 1.5)
Date Collected: 10/07/24 09:50
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-11
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)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 16:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	77		70 - 130				10/09/24 08:22	10/09/24 16:52	1	
o-Terphenyl	102		70 - 130				10/09/24 08:22	10/09/24 16:52	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	192		5.03		mg/Kg			10/09/24 14:00	1	

Client Sample ID: S - 3 (2 - 2.5)
Date Collected: 10/07/24 09:53
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-12
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		10/09/24 09:23	10/09/24 17:08	1	
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 17:08	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 17:08	1	
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/09/24 09:23	10/09/24 17:08	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 17:08	1	
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/09/24 09:23	10/09/24 17:08	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				10/09/24 09:23	10/09/24 17:08	1	
1,4-Difluorobenzene (Surr)	86		70 - 130				10/09/24 09:23	10/09/24 17:08	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/09/24 17:08	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 17:09	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 17:09	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 17:09	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 17:09	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	85		70 - 130				10/09/24 08:22	10/09/24 17:09	1	
o-Terphenyl	100		70 - 130				10/09/24 08:22	10/09/24 17:09	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	24.0		5.02		mg/Kg			10/09/24 14:16	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 3 (3 - 3.5)

Lab Sample ID: 890-7216-13

Date Collected: 10/07/24 09:55

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 17:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 17:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 17:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 17:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 17:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	10/09/24 09:23	10/09/24 17:28	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/09/24 09:23	10/09/24 17:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 17:25	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		10/09/24 08:22	10/09/24 17:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 17:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	10/09/24 08:22	10/09/24 17:25	1
o-Terphenyl	101		70 - 130	10/09/24 08:22	10/09/24 17:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.6		5.03		mg/Kg			10/09/24 14:22	1

Client Sample ID: S - 3 (4 - 4.5)

Lab Sample ID: 890-7216-14

Date Collected: 10/07/24 09:57

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 17:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 17:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 17:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 09:23	10/09/24 17:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 17:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:23	10/09/24 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	10/09/24 09:23	10/09/24 17:49	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/09/24 09:23	10/09/24 17:49	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 3 (4 - 4.5)

Lab Sample ID: 890-7216-14

Date Collected: 10/07/24 09:57

Matrix: Solid

Date Received: 10/08/24 16:00

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			10/09/24 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	<49.9	U	49.9		mg/Kg			10/09/24 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 17:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 17:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/09/24 08:22	10/09/24 17:40	1
o-Terphenyl	101		70 - 130				10/09/24 08:22	10/09/24 17:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.09		5.05		mg/Kg			10/09/24 14:27	1

Client Sample ID: S - 4 (0 - .5)

Lab Sample ID: 890-7216-15

Date Collected: 10/07/24 10:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 18:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				10/09/24 09:23	10/09/24 18:09	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/09/24 09:23	10/09/24 18:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 17:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 17:55	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 4 (0 - .5)
Date Collected: 10/07/24 10:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-15
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)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 17:55	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	92		70 - 130				10/09/24 08:22	10/09/24 17:55	1	
o-Terphenyl	107		70 - 130				10/09/24 08:22	10/09/24 17:55	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	57.8		5.04		mg/Kg			10/09/24 14:33	1	

Client Sample ID: S - 4 (1 - 1.5)
Date Collected: 10/07/24 10:05
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-16
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		10/09/24 09:23	10/09/24 18:30	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 18:30	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 18:30	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/24 09:23	10/09/24 18:30	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 18:30	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:23	10/09/24 18:30	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130				10/09/24 09:23	10/09/24 18:30	1	
1,4-Difluorobenzene (Surr)	85		70 - 130				10/09/24 09:23	10/09/24 18:30	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 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	<49.9	U	49.9		mg/Kg			10/09/24 18:11	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		10/09/24 08:22	10/09/24 18:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 18:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:22	10/09/24 18:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	90		70 - 130				10/09/24 08:22	10/09/24 18:11	1	
o-Terphenyl	106		70 - 130				10/09/24 08:22	10/09/24 18:11	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	190		4.98		mg/Kg			10/09/24 14:49	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 4 (2 - 2.5)

Lab Sample ID: 890-7216-17

Date Collected: 10/07/24 10:10

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 18:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 18:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 18:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:23	10/09/24 18:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:23	10/09/24 18:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:23	10/09/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	10/09/24 09:23	10/09/24 18:50	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/09/24 09:23	10/09/24 18:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 18:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 18:26	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:22	10/09/24 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/09/24 08:22	10/09/24 18:26	1
o-Terphenyl	104		70 - 130	10/09/24 08:22	10/09/24 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.4		4.99		mg/Kg			10/09/24 14:54	1

Client Sample ID: S - 4 (3 - 3.5)

Lab Sample ID: 890-7216-18

Date Collected: 10/07/24 10:15

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 19:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 19:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 19:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/09/24 09:23	10/09/24 19:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:23	10/09/24 19:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/09/24 09:23	10/09/24 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130	10/09/24 09:23	10/09/24 19:11	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/09/24 09:23	10/09/24 19:11	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 4 (3 - 3.5)

Lab Sample ID: 890-7216-18

Date Collected: 10/07/24 10:15

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/09/24 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	<50.0	U	50.0		mg/Kg			10/09/24 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:22	10/09/24 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				10/09/24 08:22	10/09/24 18:41	1
o-Terphenyl	85		70 - 130				10/09/24 08:22	10/09/24 18:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.6		4.98		mg/Kg			10/09/24 15:00	1

Client Sample ID: S - 4 (4 - 4.5)

Lab Sample ID: 890-7216-19

Date Collected: 10/07/24 10:20

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 19:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 19:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 19:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 19:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:23	10/09/24 19:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:23	10/09/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				10/09/24 09:23	10/09/24 19:31	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/09/24 09:23	10/09/24 19:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 18:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 18:56	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 4 (4 - 4.5)

Lab Sample ID: 890-7216-19

Date Collected: 10/07/24 10:20

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/09/24 08:22	10/09/24 18:56	1
o-Terphenyl	109		70 - 130				10/09/24 08:22	10/09/24 18:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.5		4.99		mg/Kg			10/09/24 15:05	1

Client Sample ID: S - 5 (0 - .5)

Lab Sample ID: 890-7216-20

Date Collected: 10/07/24 10:25

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 19:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 19:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 19:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 09:23	10/09/24 19:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:23	10/09/24 19:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:23	10/09/24 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				10/09/24 09:23	10/09/24 19:52	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/09/24 09:23	10/09/24 19:52	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			10/09/24 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 19:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 19:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:22	10/09/24 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				10/09/24 08:22	10/09/24 19:11	1
o-Terphenyl	101		70 - 130				10/09/24 08:22	10/09/24 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.9		5.00		mg/Kg			10/09/24 15:10	1

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Client Sample Results

Client: NT Global
Project/Site: MARSJob ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 6 (1 - 1.5)

Lab Sample ID: 890-7216-21

Date Collected: 10/07/24 10:30

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 12:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 12:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 12:44	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		10/09/24 09:25	10/09/24 12:44	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		10/09/24 09:25	10/09/24 12:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:25	10/09/24 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	10/09/24 09:25	10/09/24 12:44	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/09/24 09:25	10/09/24 12:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	10/09/24 08:26	10/09/24 21:16	1
o-Terphenyl	78		70 - 130	10/09/24 08:26	10/09/24 21:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	315		5.04		mg/Kg			10/09/24 15:16	1

Client Sample ID: S - 6 (2 - 2.5)

Lab Sample ID: 890-7216-22

Date Collected: 10/07/24 10:35

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:05	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		10/09/24 09:25	10/09/24 13:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/09/24 09:25	10/09/24 13:05	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/09/24 09:25	10/09/24 13:05	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 6 (2 - 2.5)

Lab Sample ID: 890-7216-22

Date Collected: 10/07/24 10:35

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/09/24 22:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/09/24 22:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/09/24 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/09/24 08:26	10/09/24 22:03	1
o-Terphenyl	78		70 - 130				10/09/24 08:26	10/09/24 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.5		5.03		mg/Kg			10/09/24 15:32	1

Client Sample ID: S - 6 (3 - 3.5)

Lab Sample ID: 890-7216-23

Date Collected: 10/07/24 10:40

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:25	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 13:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 13:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/09/24 09:25	10/09/24 13:25	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/09/24 09:25	10/09/24 13:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 13:25	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			10/09/24 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 22:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 22:20	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 6 (3 - 3.5)
Date Collected: 10/07/24 10:40
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				10/09/24 08:26	10/09/24 22:20	1
o-Terphenyl	77		70 - 130				10/09/24 08:26	10/09/24 22:20	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.5		5.04		mg/Kg			10/09/24 15:37	1

Client Sample ID: S - 6 (4 - 4.5)
Date Collected: 10/07/24 10:45
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-24
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		10/09/24 09:25	10/09/24 13:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 13:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 13:46	1
m-Xylene & p-Xylene	<0.00397	U *	0.00397		mg/Kg		10/09/24 09:25	10/09/24 13:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 13:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/09/24 09:25	10/09/24 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/09/24 09:25	10/09/24 13:46	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/09/24 09:25	10/09/24 13:46	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/09/24 13:46	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 22:35	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/09/24 08:26	10/09/24 22:35	1
o-Terphenyl	85		70 - 130				10/09/24 08:26	10/09/24 22:35	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.1		5.03		mg/Kg			10/09/24 15:54	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 7 (0 - .5)

Lab Sample ID: 890-7216-25

Date Collected: 10/07/24 10:50

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 14:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 14:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 14:06	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		10/09/24 09:25	10/09/24 14:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 14:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:25	10/09/24 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/09/24 09:25	10/09/24 14:06	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/09/24 09:25	10/09/24 14:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 22:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 22:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	10/09/24 08:26	10/09/24 22:51	1
o-Terphenyl	82		70 - 130	10/09/24 08:26	10/09/24 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		5.05		mg/Kg			10/09/24 15:59	1

Client Sample ID: S - 7 (1 - 1.5)

Lab Sample ID: 890-7216-26

Date Collected: 10/07/24 10:55

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:27	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 14:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/09/24 09:25	10/09/24 14:27	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/09/24 09:25	10/09/24 14:27	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 7 (1 - 1.5)

Lab Sample ID: 890-7216-26

Date Collected: 10/07/24 10:55

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 23:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 23:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/09/24 08:26	10/09/24 23:06	1
o-Terphenyl	77		70 - 130				10/09/24 08:26	10/09/24 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.2		4.95		mg/Kg			10/09/24 16:04	1

Client Sample ID: S - 7 (2 - 2.5)

Lab Sample ID: 890-7216-27

Date Collected: 10/07/24 11:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:47	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 14:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 14:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/09/24 09:25	10/09/24 14:47	1
1,4-Difluorobenzene (Surr)	112		70 - 130				10/09/24 09:25	10/09/24 14:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/09/24 23:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/09/24 23:22	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 7 (2 - 2.5)

Lab Sample ID: 890-7216-27

Date Collected: 10/07/24 11:00

Matrix: Solid

Date Received: 10/08/24 16:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/09/24 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/09/24 08:26	10/09/24 23:22	1
o-Terphenyl	92		70 - 130				10/09/24 08:26	10/09/24 23:22	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.0		4.97		mg/Kg			10/09/24 16:10	1

Client Sample ID: S - 7 (3 - 3.5)

Lab Sample ID: 890-7216-28

Date Collected: 10/07/24 11:05

Matrix: Solid

Date Received: 10/08/24 16:00

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:08	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		10/09/24 09:25	10/09/24 15:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/09/24 09:25	10/09/24 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/09/24 09:25	10/09/24 15:08	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/09/24 09:25	10/09/24 15:08	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			10/09/24 15:08	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 23:37	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	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/09/24 23:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/09/24 23:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/09/24 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/09/24 08:26	10/09/24 23:37	1
o-Terphenyl	85		70 - 130				10/09/24 08:26	10/09/24 23:37	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.0		5.04		mg/Kg			10/09/24 16:15	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 7 (4 - 4.5)

Lab Sample ID: 890-7216-29

Date Collected: 10/07/24 11:10

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 15:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 15:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 15:28	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 15:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 15:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/09/24 09:25	10/09/24 15:28	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/09/24 09:25	10/09/24 15:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 15:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 23:53	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		10/09/24 08:26	10/09/24 23:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 23:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/09/24 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	10/09/24 08:26	10/09/24 23:53	1
o-Terphenyl	79		70 - 130	10/09/24 08:26	10/09/24 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		4.97		mg/Kg			10/09/24 16:20	1

Client Sample ID: S - 8 (0 - .5)

Lab Sample ID: 890-7216-30

Date Collected: 10/07/24 11:15

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:49	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		10/09/24 09:25	10/09/24 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 15:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:25	10/09/24 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/09/24 09:25	10/09/24 15:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/09/24 09:25	10/09/24 15:49	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 8 (0 - .5)

Lab Sample ID: 890-7216-30

Date Collected: 10/07/24 11:15

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/10/24 00:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/10/24 00:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/10/24 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				10/09/24 08:26	10/10/24 00:08	1
o-Terphenyl	89		70 - 130				10/09/24 08:26	10/10/24 00:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			10/09/24 16:26	1

Client Sample ID: S - 8 (1 - 1.5)

Lab Sample ID: 890-7216-31

Date Collected: 10/07/24 11:20

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 17:39	1
m-Xylene & p-Xylene	<0.00400	U **	0.00400		mg/Kg		10/09/24 09:25	10/09/24 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 17:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:25	10/09/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/09/24 09:25	10/09/24 17:39	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/09/24 09:25	10/09/24 17:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/09/24 17:39	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			10/10/24 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 00:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 00:39	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 8 (1 - 1.5)
Date Collected: 10/07/24 11:20
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-31
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)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 00:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	88		70 - 130				10/09/24 08:26	10/10/24 00:39	1	
o-Terphenyl	95		70 - 130				10/09/24 08:26	10/10/24 00:39	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	34.6		4.99		mg/Kg			10/09/24 16:45	1	

Client Sample ID: S - 8 (2 - 2.5)
Date Collected: 10/07/24 11:25
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-32
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		10/09/24 09:25	10/09/24 18:00	1	
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 18:00	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 18:00	1	
m-Xylene & p-Xylene	<0.00403	U *	0.00403		mg/Kg		10/09/24 09:25	10/09/24 18:00	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 18:00	1	
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/09/24 09:25	10/09/24 18:00	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	119		70 - 130				10/09/24 09:25	10/09/24 18:00	1	
1,4-Difluorobenzene (Surr)	114		70 - 130				10/09/24 09:25	10/09/24 18:00	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			10/09/24 18:00	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 00:54	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 00:54	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 00:54	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 00:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	82		70 - 130				10/09/24 08:26	10/10/24 00:54	1	
o-Terphenyl	88		70 - 130				10/09/24 08:26	10/10/24 00:54	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	132		5.00		mg/Kg			10/09/24 17:05	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 8 (3 - 3.5)

Lab Sample ID: 890-7216-33

Date Collected: 10/07/24 11:30

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 18:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 18:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 18:20	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 18:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/09/24 09:25	10/09/24 18:20	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/09/24 09:25	10/09/24 18:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/10/24 01:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/10/24 01:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/10/24 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	10/09/24 08:26	10/10/24 01:11	1
o-Terphenyl	82		70 - 130	10/09/24 08:26	10/10/24 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.6		4.98		mg/Kg			10/09/24 17:12	1

Client Sample ID: S - 8 (4 - 4.5)

Lab Sample ID: 890-7216-34

Date Collected: 10/07/24 11:35

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 18:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 18:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 18:41	1
m-Xylene & p-Xylene	<0.00396	U **	0.00396		mg/Kg		10/09/24 09:25	10/09/24 18:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 18:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:25	10/09/24 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/09/24 09:25	10/09/24 18:41	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/09/24 09:25	10/09/24 18:41	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 8 (4 - 4.5)
Date Collected: 10/07/24 11:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-34
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/09/24 18:41	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 01:26	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/10/24 01:26	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/10/24 01:26	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:26	10/10/24 01:26	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	79		70 - 130				10/09/24 08:26	10/10/24 01:26	1	
o-Terphenyl	84		70 - 130				10/09/24 08:26	10/10/24 01:26	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	127		4.96		mg/Kg			10/09/24 17:18	1	

Client Sample ID: S - 9 (0 - 0.5)
Date Collected: 10/08/24 09:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-35
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		10/09/24 09:25	10/09/24 19:01	1	
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 19:01	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 19:01	1	
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 19:01	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 19:01	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 19:01	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	112		70 - 130				10/09/24 09:25	10/09/24 19:01	1	
1,4-Difluorobenzene (Surr)	113		70 - 130				10/09/24 09:25	10/09/24 19:01	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 19:01	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 09:29	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		10/09/24 08:26	10/10/24 09:29	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 09:29	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 9 (0 - 0.5)

Lab Sample ID: 890-7216-35

Date Collected: 10/08/24 09:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 09:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/09/24 08:26	10/10/24 09:29	1
o-Terphenyl	91		70 - 130				10/09/24 08:26	10/10/24 09:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			10/09/24 17:25	1

Client Sample ID: S - 9 (1 - 1.5)

Lab Sample ID: 890-7216-36

Date Collected: 10/08/24 09:02

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 19:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 19:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 19:22	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		10/09/24 09:25	10/09/24 19:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 19:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:25	10/09/24 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/09/24 09:25	10/09/24 19:22	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/09/24 09:25	10/09/24 19:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 09:44	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	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 09:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 09:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 09:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/09/24 08:26	10/10/24 09:44	1
o-Terphenyl	80		70 - 130				10/09/24 08:26	10/10/24 09:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			10/09/24 17:45	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 9 (2 - 2.5)

Lab Sample ID: 890-7216-37

Date Collected: 10/08/24 09:05

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 19:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 19:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 19:42	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		10/09/24 09:25	10/09/24 19:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:25	10/09/24 19:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:25	10/09/24 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/09/24 09:25	10/09/24 19:42	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/09/24 09:25	10/09/24 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 09:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 09:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 09:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:26	10/10/24 09:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	10/09/24 08:26	10/10/24 09:59	1
o-Terphenyl	79		70 - 130	10/09/24 08:26	10/10/24 09:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			10/09/24 17:52	1

Client Sample ID: S - 9 (3 - 3.5)

Lab Sample ID: 890-7216-38

Date Collected: 10/08/24 09:07

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 20:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 20:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 20:02	1
m-Xylene & p-Xylene	<0.00404	U **	0.00404		mg/Kg		10/09/24 09:25	10/09/24 20:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:25	10/09/24 20:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/09/24 09:25	10/09/24 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	10/09/24 09:25	10/09/24 20:02	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/09/24 09:25	10/09/24 20:02	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 9 (3 - 3.5)

Lab Sample ID: 890-7216-38

Date Collected: 10/08/24 09:07

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/09/24 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 10:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/10/24 10:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/10/24 10:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/10/24 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				10/09/24 08:26	10/10/24 10:14	1
o-Terphenyl	76		70 - 130				10/09/24 08:26	10/10/24 10:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.72		4.96		mg/Kg			10/09/24 17:58	1

Client Sample ID: S - 9 (4 - 4.5)

Lab Sample ID: 890-7216-39

Date Collected: 10/08/24 09:10

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 20:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 20:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 20:23	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/09/24 09:25	10/09/24 20:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:25	10/09/24 20:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:25	10/09/24 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				10/09/24 09:25	10/09/24 20:23	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/09/24 09:25	10/09/24 20:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 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	<49.8	U	49.8		mg/Kg			10/10/24 10:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 10:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 10:30	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 9 (4 - 4.5)

Lab Sample ID: 890-7216-39

Date Collected: 10/08/24 09:10

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 10:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/09/24 08:26	10/10/24 10:30	1
o-Terphenyl	77		70 - 130				10/09/24 08:26	10/10/24 10:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		4.98		mg/Kg			10/09/24 18:05	1

Client Sample ID: S - 10 (0 - .5)

Lab Sample ID: 890-7216-40

Date Collected: 10/08/24 09:12

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 20:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 20:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 20:43	1
m-Xylene & p-Xylene	<0.00396	U *	0.00396		mg/Kg		10/09/24 09:25	10/09/24 20:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:25	10/09/24 20:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:25	10/09/24 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/09/24 09:25	10/09/24 20:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/09/24 09:25	10/09/24 20:43	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			10/09/24 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 10:45	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		10/09/24 08:26	10/10/24 10:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 10:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:26	10/10/24 10:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				10/09/24 08:26	10/10/24 10:45	1
o-Terphenyl	76		70 - 130				10/09/24 08:26	10/10/24 10:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			10/09/24 18:12	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 10 (1 - 1.5)

Lab Sample ID: 890-7216-41

Date Collected: 10/08/24 09:15

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 12:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 12:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 12:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:26	10/09/24 12:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 12:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:26	10/09/24 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/09/24 09:26	10/09/24 12:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/09/24 09:26	10/09/24 12:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	10/09/24 08:29	10/09/24 21:16	1
o-Terphenyl	108		70 - 130	10/09/24 08:29	10/09/24 21:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			10/09/24 18:18	1

Client Sample ID: S - 10 (2 - 2.5)

Lab Sample ID: 890-7216-42

Date Collected: 10/08/24 09:17

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 12:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	10/09/24 09:26	10/09/24 12:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/09/24 09:26	10/09/24 12:29	1

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Client Sample Results

Client: NT Global
Project/Site: MARSJob ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 10 (2 - 2.5)

Lab Sample ID: 890-7216-42

Date Collected: 10/08/24 09:17

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 22:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 22:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/09/24 08:29	10/09/24 22:03	1
o-Terphenyl	108		70 - 130				10/09/24 08:29	10/09/24 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	283		5.04		mg/Kg			10/09/24 18:38	1

Client Sample ID: S - 10 (3 - 3.5)

Lab Sample ID: 890-7216-43

Date Collected: 10/08/24 09:20

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 12:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 12:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/09/24 09:26	10/09/24 12:50	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/09/24 09:26	10/09/24 12:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/09/24 22:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/09/24 22:20	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 10 (3 - 3.5)

Lab Sample ID: 890-7216-43

Date Collected: 10/08/24 09:20

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/09/24 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/09/24 08:29	10/09/24 22:20	1
o-Terphenyl	115		70 - 130				10/09/24 08:29	10/09/24 22:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.7		4.97		mg/Kg			10/09/24 18:45	1

Client Sample ID: S - 10 (4 - 4.5)

Lab Sample ID: 890-7216-44

Date Collected: 10/08/24 09:22

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 13:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 13:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 13:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/09/24 09:26	10/09/24 13:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 13:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/09/24 09:26	10/09/24 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/09/24 09:26	10/09/24 13:10	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/09/24 09:26	10/09/24 13:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/09/24 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/09/24 22:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/09/24 08:29	10/09/24 22:35	1
o-Terphenyl	114		70 - 130				10/09/24 08:29	10/09/24 22:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.5		4.99		mg/Kg			10/09/24 19:05	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 11 (0 - .5)

Lab Sample ID: 890-7216-45

Date Collected: 10/08/24 09:24

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 13:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 13:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 13:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:26	10/09/24 13:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 13:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:26	10/09/24 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/09/24 09:26	10/09/24 13:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/09/24 09:26	10/09/24 13:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 13:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/09/24 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/09/24 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/09/24 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	10/09/24 08:29	10/09/24 22:51	1
o-Terphenyl	104		70 - 130	10/09/24 08:29	10/09/24 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.36		4.98		mg/Kg			10/09/24 19:12	1

Client Sample ID: S - 11 (1 - 1.5)

Lab Sample ID: 890-7216-46

Date Collected: 10/08/24 09:25

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 13:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 13:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 13:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 13:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 13:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	10/09/24 09:26	10/09/24 13:51	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/09/24 09:26	10/09/24 13:51	1

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Client Sample Results

Client: NT Global
Project/Site: MARSJob ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 11 (1 - 1.5)

Lab Sample ID: 890-7216-46

Date Collected: 10/08/24 09:25

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 23:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 23:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/09/24 08:29	10/09/24 23:06	1
o-Terphenyl	117		70 - 130				10/09/24 08:29	10/09/24 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		5.05		mg/Kg			10/09/24 19:18	1

Client Sample ID: S - 11 (2 - 2.5)

Lab Sample ID: 890-7216-47

Date Collected: 10/08/24 09:27

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 14:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/09/24 09:26	10/09/24 14:12	1
1,4-Difluorobenzene (Surr)	91		70 - 130				10/09/24 09:26	10/09/24 14:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/09/24 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/09/24 23:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/09/24 23:22	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 11 (2 - 2.5)

Lab Sample ID: 890-7216-47

Date Collected: 10/08/24 09:27

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/09/24 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/09/24 08:29	10/09/24 23:22	1
o-Terphenyl	116		70 - 130				10/09/24 08:29	10/09/24 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	868		5.05		mg/Kg			10/09/24 19:25	1

Client Sample ID: S - 11 (3 - 3.5)

Lab Sample ID: 890-7216-48

Date Collected: 10/08/24 09:29

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 14:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/09/24 09:26	10/09/24 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 14:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/09/24 09:26	10/09/24 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/09/24 09:26	10/09/24 14:32	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/09/24 09:26	10/09/24 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/09/24 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/09/24 23:37	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	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/09/24 23:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/09/24 23:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/09/24 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				10/09/24 08:29	10/09/24 23:37	1
o-Terphenyl	118		70 - 130				10/09/24 08:29	10/09/24 23:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		25.1		mg/Kg			10/09/24 19:32	5

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 11 (4 - 4.5)

Lab Sample ID: 890-7216-49

Date Collected: 10/08/24 09:30

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 14:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 14:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/09/24 09:26	10/09/24 14:53	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/09/24 09:26	10/09/24 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/24 23:53	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		10/09/24 08:29	10/09/24 23:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 23:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/09/24 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	10/09/24 08:29	10/09/24 23:53	1
o-Terphenyl	111		70 - 130	10/09/24 08:29	10/09/24 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2120		25.2		mg/Kg			10/09/24 19:38	5

Client Sample ID: S - 12 (0 - .5)

Lab Sample ID: 890-7216-50

Date Collected: 10/08/24 09:32

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 15:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 15:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/24 09:26	10/09/24 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 15:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:26	10/09/24 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/09/24 09:26	10/09/24 15:14	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/09/24 09:26	10/09/24 15:14	1

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Client Sample Results

Client: NT Global
Project/Site: MARSJob ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 12 (0 - .5)

Lab Sample ID: 890-7216-50

Date Collected: 10/08/24 09:32

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/10/24 00:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/10/24 00:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/09/24 08:29	10/10/24 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/09/24 08:29	10/10/24 00:08	1
o-Terphenyl	110		70 - 130				10/09/24 08:29	10/10/24 00:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.97		5.04		mg/Kg			10/09/24 19:45	1

Client Sample ID: S - 12 (1 - 1.5)

Lab Sample ID: 890-7216-51

Date Collected: 10/08/24 09:34

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 16:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 16:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 16:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:26	10/09/24 16:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 16:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:26	10/09/24 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				10/09/24 09:26	10/09/24 16:39	1
1,4-Difluorobenzene (Surr)	91		70 - 130				10/09/24 09:26	10/09/24 16:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/09/24 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 00:39	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 12 (1 - 1.5)
Date Collected: 10/08/24 09:34
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-51
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 00:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	105		70 - 130				10/09/24 08:29	10/10/24 00:39	1	
o-Terphenyl	126		70 - 130				10/09/24 08:29	10/10/24 00:39	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	5.19		5.02		mg/Kg			10/09/24 17:09	1	

Client Sample ID: S - 12 (2 - 2.5)
Date Collected: 10/08/24 09:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-52
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		10/09/24 09:26	10/09/24 17:00	1	
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 17:00	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 17:00	1	
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/09/24 09:26	10/09/24 17:00	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 17:00	1	
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/09/24 09:26	10/09/24 17:00	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	92		70 - 130				10/09/24 09:26	10/09/24 17:00	1	
1,4-Difluorobenzene (Surr)	89		70 - 130				10/09/24 09:26	10/09/24 17:00	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			10/09/24 17:00	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 00:54	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 00:54	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 00:54	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 00:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	115		70 - 130				10/09/24 08:29	10/10/24 00:54	1	
o-Terphenyl	107		70 - 130				10/09/24 08:29	10/10/24 00:54	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	12.4		5.03		mg/Kg			10/09/24 17:26	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 12 (3 - 3.5)

Lab Sample ID: 890-7216-53

Date Collected: 10/08/24 09:36

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 17:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 17:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 17:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 17:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 17:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/09/24 09:26	10/09/24 17:20	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/09/24 09:26	10/09/24 17:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 01:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 01:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	10/09/24 08:29	10/10/24 01:11	1
o-Terphenyl	110		70 - 130	10/09/24 08:29	10/10/24 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		5.01		mg/Kg			10/09/24 17:31	1

Client Sample ID: S - 12 (4 - 4.5)

Lab Sample ID: 890-7216-54

Date Collected: 10/08/24 09:38

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 17:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 17:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 17:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 09:26	10/09/24 17:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 17:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:26	10/09/24 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	10/09/24 09:26	10/09/24 17:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/09/24 09:26	10/09/24 17:41	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 12 (4 - 4.5)

Lab Sample ID: 890-7216-54

Date Collected: 10/08/24 09:38

Matrix: Solid

Date Received: 10/08/24 16:00

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			10/09/24 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 01:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 01:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				10/09/24 08:29	10/10/24 01:26	1
o-Terphenyl	118		70 - 130				10/09/24 08:29	10/10/24 01:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.1		5.05		mg/Kg			10/09/24 17:37	1

Client Sample ID: H - 1 (0 - .5)

Lab Sample ID: 890-7216-55

Date Collected: 10/08/24 09:40

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 18:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 18:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 18:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 18:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 18:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/09/24 09:26	10/09/24 18:01	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/09/24 09:26	10/09/24 18:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 09:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 09:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 09:29	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 1 (0 - .5)
Date Collected: 10/08/24 09:40
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-55
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 09:29	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	114		70 - 130				10/09/24 08:29	10/10/24 09:29	1	
o-Terphenyl	104		70 - 130				10/09/24 08:29	10/10/24 09:29	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	16.0		4.96		mg/Kg			10/09/24 17:42	1	

Client Sample ID: H - 2 (0 - .5)
Date Collected: 10/08/24 09:42
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-56
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		10/09/24 09:26	10/09/24 18:22	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 18:22	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 18:22	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/24 09:26	10/09/24 18:22	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 18:22	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:26	10/09/24 18:22	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	93		70 - 130				10/09/24 09:26	10/09/24 18:22	1	
1,4-Difluorobenzene (Surr)	85		70 - 130				10/09/24 09:26	10/09/24 18:22	1	
Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 18:22	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 09:44	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	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 09:44	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 09:44	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 09:44	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	103		70 - 130				10/09/24 08:29	10/10/24 09:44	1	
o-Terphenyl	95		70 - 130				10/09/24 08:29	10/10/24 09:44	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	33.8		4.96		mg/Kg			10/09/24 17:58	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 3 (0 - .5)

Lab Sample ID: 890-7216-57

Date Collected: 10/08/24 09:43

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 18:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 18:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 18:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:26	10/09/24 18:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:26	10/09/24 18:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:26	10/09/24 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	10/09/24 09:26	10/09/24 18:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/09/24 09:26	10/09/24 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 09:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 09:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 09:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 09:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	10/09/24 08:29	10/10/24 09:59	1
o-Terphenyl	111		70 - 130	10/09/24 08:29	10/10/24 09:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		4.98		mg/Kg			10/09/24 18:03	1

Client Sample ID: H - 4 (0 - .5)

Lab Sample ID: 890-7216-58

Date Collected: 10/08/24 09:45

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 19:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 19:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 19:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/09/24 09:26	10/09/24 19:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:26	10/09/24 19:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/09/24 09:26	10/09/24 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	10/09/24 09:26	10/09/24 19:03	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/09/24 09:26	10/09/24 19:03	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 4 (0 - .5)

Lab Sample ID: 890-7216-58

Date Collected: 10/08/24 09:45

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/09/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 10:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 10:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 10:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/10/24 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				10/09/24 08:29	10/10/24 10:14	1
o-Terphenyl	107		70 - 130				10/09/24 08:29	10/10/24 10:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.0		5.04		mg/Kg			10/09/24 18:09	1

Client Sample ID: H - 5 (0 - .5)

Lab Sample ID: 890-7216-59

Date Collected: 10/08/24 09:46

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:26	10/09/24 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:26	10/09/24 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/09/24 09:26	10/09/24 19:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/09/24 09:26	10/09/24 19:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 10:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 10:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/09/24 08:29	10/10/24 10:30	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 5 (0 - .5)
Date Collected: 10/08/24 09:46
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-59
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		10/09/24 08:29	10/10/24 10:30	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	116		70 - 130				10/09/24 08:29	10/10/24 10:30	1	
o-Terphenyl	104		70 - 130				10/09/24 08:29	10/10/24 10:30	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<4.96	U	4.96		mg/Kg			10/09/24 18:15	1	

Client Sample ID: H - 6 (0 - .5)
Date Collected: 10/08/24 09:47
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-60
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		10/09/24 09:26	10/09/24 19:44	1	
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 19:44	1	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 19:44	1	
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 09:26	10/09/24 19:44	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:26	10/09/24 19:44	1	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:26	10/09/24 19:44	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	92		70 - 130				10/09/24 09:26	10/09/24 19:44	1	
1,4-Difluorobenzene (Surr)	86		70 - 130				10/09/24 09:26	10/09/24 19:44	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			10/09/24 19:44	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 10:45	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 10:45	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 10:45	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/09/24 08:29	10/10/24 10:45	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	112		70 - 130				10/09/24 08:29	10/10/24 10:45	1	
o-Terphenyl	100		70 - 130				10/09/24 08:29	10/10/24 10:45	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.05	U	5.05		mg/Kg			10/09/24 18:20	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 7 (0 - .5)

Lab Sample ID: 890-7216-61

Date Collected: 10/08/24 09:49

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 16:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 16:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 16:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 16:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 16:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/09/24 09:31	10/09/24 16:52	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/09/24 09:31	10/09/24 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 19:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 19:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	10/08/24 08:26	10/10/24 19:45	1
o-Terphenyl	74		70 - 130	10/08/24 08:26	10/10/24 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			10/09/24 18:25	1

Client Sample ID: H - 8 (0 - .5)

Lab Sample ID: 890-7216-62

Date Collected: 10/08/24 09:50

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 17:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/24 09:31	10/09/24 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 17:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:31	10/09/24 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/09/24 09:31	10/09/24 17:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/09/24 09:31	10/09/24 17:13	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 8 (0 - .5)

Lab Sample ID: 890-7216-62

Date Collected: 10/08/24 09:50

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/24 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 20:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 20:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 20:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/08/24 08:26	10/10/24 20:00	1
o-Terphenyl	75		70 - 130				10/08/24 08:26	10/10/24 20:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			10/09/24 18:42	1

Client Sample ID: H - 9 (0 - .5)

Lab Sample ID: 890-7216-63

Date Collected: 10/08/24 09:51

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 17:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 17:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 17:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/09/24 09:31	10/09/24 17:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 17:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/09/24 09:31	10/09/24 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/09/24 09:31	10/09/24 17:33	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/09/24 09:31	10/09/24 17:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/09/24 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 20:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 20:16	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 9 (0 - .5)

Lab Sample ID: 890-7216-63

Date Collected: 10/08/24 09:51

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/08/24 08:26	10/10/24 20:16	1
o-Terphenyl	71		70 - 130				10/08/24 08:26	10/10/24 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.31		5.04		mg/Kg			10/09/24 18:47	1

Client Sample ID: H - 10 (0 - .5)

Lab Sample ID: 890-7216-64

Date Collected: 10/08/24 09:52

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 17:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 17:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 17:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 09:31	10/09/24 17:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 17:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:31	10/09/24 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/09/24 09:31	10/09/24 17:54	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/09/24 09:31	10/09/24 17:54	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			10/09/24 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/08/24 08:26	10/10/24 20:32	1
o-Terphenyl	69	S1-	70 - 130				10/08/24 08:26	10/10/24 20:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			10/09/24 19:03	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 11 (0 - .5)

Lab Sample ID: 890-7216-65

Date Collected: 10/08/24 09:54

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 18:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/09/24 09:31	10/09/24 18:15	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/09/24 09:31	10/09/24 18:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 20:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 20:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 20:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	10/08/24 08:26	10/10/24 20:48	1
o-Terphenyl	73		70 - 130	10/08/24 08:26	10/10/24 20:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			10/09/24 19:09	1

Client Sample ID: H - 12 (0 - .5)

Lab Sample ID: 890-7216-66

Date Collected: 10/08/24 09:55

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 18:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/24 09:31	10/09/24 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 18:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/24 09:31	10/09/24 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	10/09/24 09:31	10/09/24 18:35	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/09/24 09:31	10/09/24 18:35	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 12 (0 - .5)
Date Collected: 10/08/24 09:55
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-66
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			10/09/24 18:35	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 21:04	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 21:04	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 21:04	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 21:04	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	89		70 - 130				10/08/24 08:26	10/10/24 21:04	1	
o-Terphenyl	68	S1-	70 - 130				10/08/24 08:26	10/10/24 21:04	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.03	U	5.03		mg/Kg			10/09/24 19:14	1	

Client Sample ID: H - 13 (0 - .5)
Date Collected: 10/08/24 09:56
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-67
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		10/09/24 09:31	10/09/24 18:56	1	
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:31	10/09/24 18:56	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:31	10/09/24 18:56	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/24 09:31	10/09/24 18:56	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/24 09:31	10/09/24 18:56	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/24 09:31	10/09/24 18:56	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		70 - 130				10/09/24 09:31	10/09/24 18:56	1	
1,4-Difluorobenzene (Surr)	103		70 - 130				10/09/24 09:31	10/09/24 18:56	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			10/09/24 18:56	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 21:19	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 21:19	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 21:19	1	

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 13 (0 - .5)

Lab Sample ID: 890-7216-67

Date Collected: 10/08/24 09:56

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				10/08/24 08:26	10/10/24 21:19	1
o-Terphenyl	71		70 - 130				10/08/24 08:26	10/10/24 21:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			10/09/24 19:20	1

Client Sample ID: H - 14 (0 - .5)

Lab Sample ID: 890-7216-68

Date Collected: 10/08/24 09:57

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 19:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 19:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 19:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/09/24 09:31	10/09/24 19:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 09:31	10/09/24 19:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/09/24 09:31	10/09/24 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/09/24 09:31	10/09/24 19:16	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/09/24 09:31	10/09/24 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/09/24 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 21:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 21:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/08/24 08:26	10/10/24 21:35	1
o-Terphenyl	75		70 - 130				10/08/24 08:26	10/10/24 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			10/09/24 19:25	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 15 (0 - .5)
Date Collected: 10/08/24 09:59
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-69
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		10/09/24 09:31	10/09/24 19:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 19:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 19:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 19:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 19:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/09/24 09:31	10/09/24 19:37	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/09/24 09:31	10/09/24 19:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 19:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 22:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 22:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 22:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/08/24 08:26	10/10/24 22:06	1
o-Terphenyl	71		70 - 130				10/08/24 08:26	10/10/24 22:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			10/09/24 19:30	1

Client Sample ID: S-5 (1-1.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-70
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		10/09/24 10:21	10/09/24 13:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 13:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 13:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 10:21	10/09/24 13:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 13:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 10:21	10/09/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/09/24 10:21	10/09/24 13:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/09/24 10:21	10/09/24 13:50	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 890-7216-70

Date Collected: 10/08/24 00:00

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 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		10/08/24 08:26	10/10/24 22:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 22:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/08/24 08:26	10/10/24 22:21	1
o-Terphenyl	74		70 - 130				10/08/24 08:26	10/10/24 22:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		4.98		mg/Kg			10/09/24 18:48	1

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 890-7216-71

Date Collected: 10/08/24 00:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 10:21	10/09/24 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 10:21	10/09/24 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				10/09/24 10:21	10/09/24 14:17	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/09/24 10:21	10/09/24 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 22:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 22:38	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S-5 (2-2.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-71
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/08/24 08:26	10/10/24 22:38	1
o-Terphenyl	69	S1-	70 - 130				10/08/24 08:26	10/10/24 22:38	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.5		4.97		mg/Kg			10/09/24 18:55	1

Client Sample ID: S-5 (3-3.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-72
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		10/09/24 10:21	10/09/24 14:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 10:21	10/09/24 14:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 10:21	10/09/24 14:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 10:21	10/09/24 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/09/24 10:21	10/09/24 14:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/09/24 10:21	10/09/24 14:44	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			10/09/24 14:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/10/24 22:53	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		10/08/24 08:26	10/10/24 22:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 22:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/08/24 08:26	10/10/24 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/08/24 08:26	10/10/24 22:53	1
o-Terphenyl	72		70 - 130				10/08/24 08:26	10/10/24 22:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.6		4.96		mg/Kg			10/09/24 19:14	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S-5 (4-4.5')

Lab Sample ID: 890-7216-73

Date Collected: 10/08/24 00:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/09/24 10:21	10/09/24 15:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 10:21	10/09/24 15:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 10:21	10/09/24 15:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 10:21	10/09/24 15:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 10:21	10/09/24 15:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 10:21	10/09/24 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/09/24 10:21	10/09/24 15:10	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/09/24 10:21	10/09/24 15:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/09/24 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/10/24 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 23:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 23:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/08/24 08:26	10/10/24 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	10/08/24 08:26	10/10/24 23:10	1
o-Terphenyl	78		70 - 130	10/08/24 08:26	10/10/24 23:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		5.04		mg/Kg			10/09/24 19:20	1

Client Sample ID: S-6 (0-0.5)

Lab Sample ID: 890-7216-74

Date Collected: 10/08/24 00:00

Matrix: Solid

Date Received: 10/08/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/09/24 10:21	10/09/24 15:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/09/24 10:21	10/09/24 15:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/09/24 10:21	10/09/24 15:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/09/24 10:21	10/09/24 15:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/09/24 10:21	10/09/24 15:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/09/24 10:21	10/09/24 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/09/24 10:21	10/09/24 15:37	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/09/24 10:21	10/09/24 15:37	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S-6 (0-0.5)

Lab Sample ID: 890-7216-74

Date Collected: 10/08/24 00:00

Matrix: Solid

Date Received: 10/08/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/09/24 15:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 23:25	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		10/08/24 08:26	10/10/24 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/08/24 08:26	10/10/24 23:25	1
o-Terphenyl	79		70 - 130				10/08/24 08:26	10/10/24 23:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.9		5.01		mg/Kg			10/09/24 19:26	1

Surrogate Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-49532-A-1-A MS	Matrix Spike	105	103
880-49532-A-1-B MSD	Matrix Spike Duplicate	105	102
880-49541-A-1-B MS	Matrix Spike	101	98
880-49541-A-1-C MSD	Matrix Spike Duplicate	103	95
890-7216-1	S - 1 (0 - .5)	176 S1+	87
890-7216-1 MS	S - 1 (0 - .5)	161 S1+	86
890-7216-1 MSD	S - 1 (0 - .5)	158 S1+	85
890-7216-2	S - 1 (1 - 1.5)	171 S1+	87
890-7216-3	S - 1 (2 - 2.5)	168 S1+	87
890-7216-4	S - 1 (3 - 3.5)	168 S1+	87
890-7216-5	S - 2 (0 - .5)	172 S1+	87
890-7216-6	S - 2 (1 - 1.5)	166 S1+	86
890-7216-7	S - 2 (2 - 2.5)	167 S1+	86
890-7216-8	S - 2 (3 - 3.5)	166 S1+	86
890-7216-9	S - 2 (4 - 4.5)	166 S1+	86
890-7216-10	S - 3 (0 - .5)	174 S1+	87
890-7216-11	S - 3 (1 - 1.5)	173 S1+	86
890-7216-12	S - 3 (2 - 2.5)	168 S1+	86
890-7216-13	S - 3 (3 - 3.5)	169 S1+	86
890-7216-14	S - 3 (4 - 4.5)	175 S1+	86
890-7216-15	S - 4 (0 - .5)	172 S1+	85
890-7216-16	S - 4 (1 - 1.5)	170 S1+	85
890-7216-17	S - 4 (2 - 2.5)	171 S1+	86
890-7216-18	S - 4 (3 - 3.5)	170 S1+	85
890-7216-19	S - 4 (4 - 4.5)	169 S1+	85
890-7216-20	S - 5 (0 - .5)	172 S1+	86
890-7216-21	S - 6 (1 - 1.5)	91	106
890-7216-21 MS	S - 6 (1 - 1.5)	105	101
890-7216-21 MSD	S - 6 (1 - 1.5)	111	97
890-7216-22	S - 6 (2 - 2.5)	113	111
890-7216-23	S - 6 (3 - 3.5)	105	108
890-7216-24	S - 6 (4 - 4.5)	108	106
890-7216-25	S - 7 (0 - .5)	109	114
890-7216-26	S - 7 (1 - 1.5)	108	111
890-7216-27	S - 7 (2 - 2.5)	106	112
890-7216-28	S - 7 (3 - 3.5)	119	114
890-7216-29	S - 7 (4 - 4.5)	112	111
890-7216-30	S - 8 (0 - .5)	110	100
890-7216-31	S - 8 (1 - 1.5)	97	106
890-7216-32	S - 8 (2 - 2.5)	119	114
890-7216-33	S - 8 (3 - 3.5)	115	109
890-7216-34	S - 8 (4 - 4.5)	104	112
890-7216-35	S - 9 (0 - 0.5)	112	113
890-7216-36	S - 9 (1 - 1.5)	113	109
890-7216-37	S - 9 (2 - 2.5)	114	105
890-7216-38	S - 9 (3 - 3.5)	120	108
890-7216-39	S - 9 (4 - 4.5)	122	111
890-7216-40	S - 10 (0 - .5)	114	106
890-7216-41	S - 10 (1 - 1.5)	88	93

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Surrogate Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7216-41 MS	S - 10 (1 - 1.5)	101	101
890-7216-41 MSD	S - 10 (1 - 1.5)	96	99
890-7216-42	S - 10 (2 - 2.5)	93	91
890-7216-43	S - 10 (3 - 3.5)	92	85
890-7216-44	S - 10 (4 - 4.5)	93	88
890-7216-45	S - 11 (0 - .5)	88	93
890-7216-46	S - 11 (1 - 1.5)	87	91
890-7216-47	S - 11 (2 - 2.5)	91	91
890-7216-48	S - 11 (3 - 3.5)	90	87
890-7216-49	S - 11 (4 - 4.5)	97	86
890-7216-50	S - 12 (0 - .5)	90	81
890-7216-51	S - 12 (1 - 1.5)	87	91
890-7216-52	S - 12 (2 - 2.5)	92	89
890-7216-53	S - 12 (3 - 3.5)	90	92
890-7216-54	S - 12 (4 - 4.5)	92	91
890-7216-55	H - 1 (0 - .5)	91	89
890-7216-56	H - 2 (0 - .5)	93	85
890-7216-57	H - 3 (0 - .5)	98	89
890-7216-58	H - 4 (0 - .5)	91	92
890-7216-59	H - 5 (0 - .5)	90	92
890-7216-60	H - 6 (0 - .5)	92	86
890-7216-61	H - 7 (0 - .5)	108	103
890-7216-62	H - 8 (0 - .5)	104	101
890-7216-63	H - 9 (0 - .5)	106	103
890-7216-64	H - 10 (0 - .5)	108	101
890-7216-65	H - 11 (0 - .5)	105	103
890-7216-66	H - 12 (0 - .5)	111	99
890-7216-67	H - 13 (0 - .5)	107	103
890-7216-68	H - 14 (0 - .5)	114	101
890-7216-69	H - 15 (0 - .5)	109	103
890-7216-70	S-5 (1-1.5')	91	92
890-7216-71	S-5 (2-2.5')	110	103
890-7216-72	S-5 (3-3.5')	113	92
890-7216-73	S-5 (4-4.5')	103	96
890-7216-74	S-6 (0-0.5)	117	93
LCS 880-92847/1-A	Lab Control Sample	171 S1+	85
LCS 880-92848/1-A	Lab Control Sample	104	92
LCS 880-92849/1-A	Lab Control Sample	102	104
LCS 880-92850/1-A	Lab Control Sample	109	100
LCS 880-92860/1-A	Lab Control Sample	98	84
LCSD 880-92847/2-A	Lab Control Sample Dup	163 S1+	86
LCSD 880-92848/2-A	Lab Control Sample Dup	110	105
LCSD 880-92849/2-A	Lab Control Sample Dup	103	101
LCSD 880-92850/2-A	Lab Control Sample Dup	108	101
LCSD 880-92860/2-A	Lab Control Sample Dup	95	92
MB 880-92847/5-A	Method Blank	156 S1+	83
MB 880-92848/5-A	Method Blank	153 S1+	105
MB 880-92849/5-A	Method Blank	82	93
MB 880-92850/5-A	Method Blank	112	101
MB 880-92860/5-A	Method Blank	67 S1-	89

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Surrogate Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7215-A-31-B MS	Matrix Spike	111	96
890-7215-A-31-C MSD	Matrix Spike Duplicate	110	95
890-7216-1	S - 1 (0 - .5)	92	108
890-7216-1 MS	S - 1 (0 - .5)	114	146 S1+
890-7216-1 MSD	S - 1 (0 - .5)	115	146 S1+
890-7216-2	S - 1 (1 - 1.5)	80	102
890-7216-3	S - 1 (2 - 2.5)	81	99
890-7216-4	S - 1 (3 - 3.5)	82	101
890-7216-5	S - 2 (0 - .5)	92	105
890-7216-6	S - 2 (1 - 1.5)	91	103
890-7216-7	S - 2 (2 - 2.5)	86	103
890-7216-8	S - 2 (3 - 3.5)	87	107
890-7216-9	S - 2 (4 - 4.5)	81	109
890-7216-10	S - 3 (0 - .5)	83	104
890-7216-11	S - 3 (1 - 1.5)	77	102
890-7216-12	S - 3 (2 - 2.5)	85	100
890-7216-13	S - 3 (3 - 3.5)	86	101
890-7216-14	S - 3 (4 - 4.5)	82	101
890-7216-15	S - 4 (0 - .5)	92	107
890-7216-16	S - 4 (1 - 1.5)	90	106
890-7216-17	S - 4 (2 - 2.5)	98	104
890-7216-18	S - 4 (3 - 3.5)	74	85
890-7216-19	S - 4 (4 - 4.5)	90	109
890-7216-20	S - 5 (0 - .5)	81	101
890-7216-21	S - 6 (1 - 1.5)	82	78
890-7216-21 MS	S - 6 (1 - 1.5)	74	80
890-7216-21 MSD	S - 6 (1 - 1.5)	75	81
890-7216-22	S - 6 (2 - 2.5)	82	78
890-7216-23	S - 6 (3 - 3.5)	74	77
890-7216-24	S - 6 (4 - 4.5)	79	85
890-7216-25	S - 7 (0 - .5)	85	82
890-7216-26	S - 7 (1 - 1.5)	78	77
890-7216-27	S - 7 (2 - 2.5)	94	92
890-7216-28	S - 7 (3 - 3.5)	86	85
890-7216-29	S - 7 (4 - 4.5)	76	79
890-7216-30	S - 8 (0 - .5)	88	89
890-7216-31	S - 8 (1 - 1.5)	88	95
890-7216-32	S - 8 (2 - 2.5)	82	88
890-7216-33	S - 8 (3 - 3.5)	77	82
890-7216-34	S - 8 (4 - 4.5)	79	84
890-7216-35	S - 9 (0 - 0.5)	94	91
890-7216-36	S - 9 (1 - 1.5)	78	80
890-7216-37	S - 9 (2 - 2.5)	85	79
890-7216-38	S - 9 (3 - 3.5)	83	76
890-7216-39	S - 9 (4 - 4.5)	79	77
890-7216-40	S - 10 (0 - .5)	80	76

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Surrogate Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7216-41	S - 10 (1 - 1.5)	89	108
890-7216-41 MS	S - 10 (1 - 1.5)	87	109
890-7216-41 MSD	S - 10 (1 - 1.5)	86	108
890-7216-42	S - 10 (2 - 2.5)	91	108
890-7216-43	S - 10 (3 - 3.5)	93	115
890-7216-44	S - 10 (4 - 4.5)	99	114
890-7216-45	S - 11 (0 - .5)	89	104
890-7216-46	S - 11 (1 - 1.5)	98	117
890-7216-47	S - 11 (2 - 2.5)	95	116
890-7216-48	S - 11 (3 - 3.5)	92	118
890-7216-49	S - 11 (4 - 4.5)	83	111
890-7216-50	S - 12 (0 - .5)	95	110
890-7216-51	S - 12 (1 - 1.5)	105	126
890-7216-52	S - 12 (2 - 2.5)	115	107
890-7216-53	S - 12 (3 - 3.5)	117	110
890-7216-54	S - 12 (4 - 4.5)	125	118
890-7216-55	H - 1 (0 - .5)	114	104
890-7216-56	H - 2 (0 - .5)	103	95
890-7216-57	H - 3 (0 - .5)	119	111
890-7216-58	H - 4 (0 - .5)	116	107
890-7216-59	H - 5 (0 - .5)	116	104
890-7216-60	H - 6 (0 - .5)	112	100
890-7216-61	H - 7 (0 - .5)	93	74
890-7216-62	H - 8 (0 - .5)	96	75
890-7216-63	H - 9 (0 - .5)	91	71
890-7216-64	H - 10 (0 - .5)	86	69 S1-
890-7216-65	H - 11 (0 - .5)	95	73
890-7216-66	H - 12 (0 - .5)	89	68 S1-
890-7216-67	H - 13 (0 - .5)	92	71
890-7216-68	H - 14 (0 - .5)	97	75
890-7216-69	H - 15 (0 - .5)	95	71
890-7216-70	S-5 (1-1.5')	94	74
890-7216-71	S-5 (2-2.5')	90	69 S1-
890-7216-72	S-5 (3-3.5')	94	72
890-7216-73	S-5 (4-4.5')	100	78
890-7216-74	S-6 (0-0.5)	101	79
LCS 880-92753/2-A	Lab Control Sample	131 S1+	119
LCS 880-92818/2-A	Lab Control Sample	143 S1+	152 S1+
LCS 880-92819/2-A	Lab Control Sample	106	97
LCS 880-92820/2-A	Lab Control Sample	121	125
LCSD 880-92753/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-92818/3-A	Lab Control Sample Dup	139 S1+	145 S1+
LCSD 880-92819/3-A	Lab Control Sample Dup	109	98
LCSD 880-92820/3-A	Lab Control Sample Dup	122	126
MB 880-92753/1-A	Method Blank	102	80
MB 880-92818/1-A	Method Blank	145 S1+	138 S1+
MB 880-92819/1-A	Method Blank	100	80
MB 880-92820/1-A	Method Blank	112	106

Surrogate Legend

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Surrogate Summary

Client: NT Global
Project/Site: MARS
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 890-7216-1
SDG: 248762

- 1
- 2
- 3
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- 13
- 14

QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-92847/5-A

Matrix: Solid

Analysis Batch: 92825

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:23	10/09/24 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:23	10/09/24 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:23	10/09/24 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	10/09/24 09:23	10/09/24 11:47	1
1,4-Difluorobenzene (Surr)	83		70 - 130	10/09/24 09:23	10/09/24 11:47	1

Lab Sample ID: LCS 880-92847/1-A

Matrix: Solid

Analysis Batch: 92825

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1114		mg/Kg		111	70 - 130
Toluene	0.100	0.1151		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1138		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2363		mg/Kg		118	70 - 130
o-Xylene	0.100	0.1199		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-92847/2-A

Matrix: Solid

Analysis Batch: 92825

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92847

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1163		mg/Kg		116	70 - 130	4	35
Toluene	0.100	0.1192		mg/Kg		119	70 - 130	3	35
Ethylbenzene	0.100	0.1202		mg/Kg		120	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2488		mg/Kg		124	70 - 130	5	35
o-Xylene	0.100	0.1253		mg/Kg		125	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 890-7216-1 MS

Matrix: Solid

Analysis Batch: 92825

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

Prep Type: Total/NA

Prep Batch: 92847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1121		mg/Kg		112	70 - 130
Toluene	<0.00201	U	0.100	0.1153		mg/Kg		115	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MARSJob ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 890-7216-1 MS

Matrix: Solid

Analysis Batch: 92825

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

Prep Type: Total/NA

Prep Batch: 92847

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Ethylbenzene	<0.00201	U	0.100	0.1162		mg/Kg		116	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2411		mg/Kg		121	70 - 130	
o-Xylene	<0.00201	U	0.100	0.1217		mg/Kg		122	70 - 130	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 890-7216-1 MSD

Matrix: Solid

Analysis Batch: 92825

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

Prep Type: Total/NA

Prep Batch: 92847

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00201	U	0.100	0.1088		mg/Kg		109	70 - 130		3	35
Toluene	<0.00201	U	0.100	0.1125		mg/Kg		113	70 - 130		2	35
Ethylbenzene	<0.00201	U	0.100	0.1131		mg/Kg		113	70 - 130		3	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2344		mg/Kg		117	70 - 130		3	35
o-Xylene	<0.00201	U	0.100	0.1182		mg/Kg		118	70 - 130		3	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-92848/5-A

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92848

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 12:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:25	10/09/24 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:25	10/09/24 12:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:25	10/09/24 12:15	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	10/09/24 09:25	10/09/24 12:15	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/09/24 09:25	10/09/24 12:15	1

Lab Sample ID: LCS 880-92848/1-A

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92848

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.1049		mg/Kg		105	70 - 130	
Toluene	0.100	0.09835		mg/Kg		98	70 - 130	
Ethylbenzene	0.100	0.1184		mg/Kg		118	70 - 130	
m-Xylene & p-Xylene	0.200	0.2230		mg/Kg		112	70 - 130	

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: LCS 880-92848/1-A

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-92848/2-A

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92848

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1078		mg/Kg		108	70 - 130	3	35
Toluene	0.100	0.1016		mg/Kg		102	70 - 130	3	35
Ethylbenzene	0.100	0.1292		mg/Kg		129	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2631	*+	mg/Kg		132	70 - 130	16	35
o-Xylene	0.100	0.1235		mg/Kg		124	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-7216-21 MS

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: S - 6 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1008		mg/Kg		101	70 - 130
Toluene	<0.00201	U	0.100	0.09792		mg/Kg		98	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1064		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00402	U *+	0.200	0.2298		mg/Kg		115	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.1181		mg/Kg		118	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7216-21 MSD

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: S - 6 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1017		mg/Kg		102	70 - 130	1	35
Toluene	<0.00201	U	0.100	0.1011		mg/Kg		101	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.1097		mg/Kg		110	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U *+	0.200	0.2390		mg/Kg		120	70 - 130	4	35
o-Xylene	<0.00201	U F1	0.100	0.1367	F1	mg/Kg		137	70 - 130	15	35

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 890-7216-21 MSD

Matrix: Solid

Analysis Batch: 92827

Client Sample ID: S - 6 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92848

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-92849/5-A

Matrix: Solid

Analysis Batch: 92828

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92849

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 11:47	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 11:47	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 11:47	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:26	10/09/24 11:47	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:26	10/09/24 11:47	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:26	10/09/24 11:47	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				10/09/24 09:26	10/09/24 11:47	1	
1,4-Difluorobenzene (Surr)	93		70 - 130				10/09/24 09:26	10/09/24 11:47	1	

Lab Sample ID: LCS 880-92849/1-A

Matrix: Solid

Analysis Batch: 92828

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92849

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1074		mg/Kg		107	70 - 130			
Toluene	0.100	0.1095		mg/Kg		109	70 - 130			
Ethylbenzene	0.100	0.08753		mg/Kg		88	70 - 130			
m-Xylene & p-Xylene	0.200	0.2257		mg/Kg		113	70 - 130			
o-Xylene	0.100	0.1103		mg/Kg		110	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	102		70 - 130							
1,4-Difluorobenzene (Surr)	104		70 - 130							

Lab Sample ID: LCSD 880-92849/2-A

Matrix: Solid

Analysis Batch: 92828

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92849

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	3	35	
Toluene	0.100	0.1027		mg/Kg		103	70 - 130	6	35	
Ethylbenzene	0.100	0.1173		mg/Kg		117	70 - 130	29	35	
m-Xylene & p-Xylene	0.200	0.2231		mg/Kg		112	70 - 130	1	35	
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130	1	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: LCSD 880-92849/2-A

Matrix: Solid

Analysis Batch: 92828

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92849

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

Lab Sample ID: 890-7216-41 MS

Matrix: Solid

Analysis Batch: 92828

Client Sample ID: S - 10 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92849

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.100	0.09448		mg/Kg		94	70 - 130	
Toluene	<0.00201	U	0.100	0.09743		mg/Kg		97	70 - 130	
Ethylbenzene	<0.00201	U	0.100	0.08547		mg/Kg		85	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1991		mg/Kg		100	70 - 130	
o-Xylene	<0.00201	U	0.100	0.09633		mg/Kg		96	70 - 130	

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

Lab Sample ID: 890-7216-41 MSD

Matrix: Solid

Analysis Batch: 92828

Client Sample ID: S - 10 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92849

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.100	0.09150		mg/Kg		91	70 - 130	3	35	
Toluene	<0.00201	U	0.100	0.09233		mg/Kg		92	70 - 130	5	35	
Ethylbenzene	<0.00201	U	0.100	0.1007		mg/Kg		101	70 - 130	16	35	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1912		mg/Kg		96	70 - 130	4	35	
o-Xylene	<0.00201	U	0.100	0.09392		mg/Kg		94	70 - 130	3	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-92850/5-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92850

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:31	10/09/24 11:42	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:31	10/09/24 11:42	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	112		70 - 130	10/09/24 09:31	10/09/24 11:42	1				
1,4-Difluorobenzene (Surr)	101		70 - 130	10/09/24 09:31	10/09/24 11:42	1				

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: LCS 880-92850/1-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08769		mg/Kg		88	70 - 130
Toluene	0.100	0.08276		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08388		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1799		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08965		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-92850/2-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.09165		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.08676		mg/Kg		87	70 - 130	5	35
Ethylbenzene	0.100	0.08752		mg/Kg		88	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1874		mg/Kg		94	70 - 130	4	35
o-Xylene	0.100	0.09424		mg/Kg		94	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-49532-A-1-A MS

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08783		mg/Kg		88	70 - 130
Toluene	<0.00201	U	0.100	0.08321		mg/Kg		83	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08328		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1783		mg/Kg		89	70 - 130
o-Xylene	<0.00201	U	0.100	0.09092		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-49532-A-1-B MSD

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
										RPD	Limit
Benzene	<0.00201	U	0.100	0.08595		mg/Kg		86	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.08101		mg/Kg		81	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.08154		mg/Kg		82	70 - 130	2	35

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QC Sample Results

Client: NT Global
Project/Site: MARSJob ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 880-49532-A-1-B MSD

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1746		mg/Kg		87	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.08892		mg/Kg		89	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

Lab Sample ID: MB 880-92860/5-A

Matrix: Solid

Analysis Batch: 92829

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 10:21	10/09/24 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 10:21	10/09/24 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 10:21	10/09/24 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 10:21	10/09/24 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 10:21	10/09/24 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 10:21	10/09/24 12:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130				10/09/24 10:21	10/09/24 12:31	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/09/24 10:21	10/09/24 12:31	1

Lab Sample ID: LCS 880-92860/1-A

Matrix: Solid

Analysis Batch: 92829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08656		mg/Kg		87	70 - 130
Toluene	0.100	0.09798		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2010		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	98		70 - 130				
1,4-Difluorobenzene (Surr)	84		70 - 130				

Lab Sample ID: LCSD 880-92860/2-A

Matrix: Solid

Analysis Batch: 92829

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92860

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08612		mg/Kg		86	70 - 130	1	35
Toluene	0.100	0.09328		mg/Kg		93	70 - 130	5	35
Ethylbenzene	0.100	0.09839		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1998		mg/Kg		100	70 - 130	1	35
o-Xylene	0.100	0.09943		mg/Kg		99	70 - 130	2	35

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

LCSD		LCSD		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	95		70 - 130	
1,4-Difluorobenzene (Surr)	92		70 - 130	

Lab Sample ID: 880-49541-A-1-B MS
Matrix: Solid
Analysis Batch: 92829

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 92860

Sample		Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.100	0.08203		mg/Kg		82	70 - 130	
Toluene	<0.00201	U	0.100	0.09045		mg/Kg		90	70 - 130	
Ethylbenzene	<0.00201	U	0.100	0.09227		mg/Kg		92	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1867		mg/Kg		93	70 - 130	
o-Xylene	<0.00201	U	0.100	0.09312		mg/Kg		93	70 - 130	

MS		MS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	101		70 - 130	
1,4-Difluorobenzene (Surr)	98		70 - 130	

Lab Sample ID: 880-49541-A-1-C MSD
Matrix: Solid
Analysis Batch: 92829

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 92860

Sample		Sample	Spike	MSD	MSD			%Rec			RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.100	0.08687		mg/Kg		87	70 - 130	6	35
Toluene	<0.00201	U	0.100	0.09432		mg/Kg		94	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.09898		mg/Kg		99	70 - 130	7	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2014		mg/Kg		101	70 - 130	8	35
o-Xylene	<0.00201	U	0.100	0.1013		mg/Kg		101	70 - 130	8	35

MSD		MSD		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	103		70 - 130	
1,4-Difluorobenzene (Surr)	95		70 - 130	

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

Lab Sample ID: MB 880-92753/1-A
Matrix: Solid
Analysis Batch: 93004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92753

MB		MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 12:04		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 12:04		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 12:04		1

MB		MB								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil	Fac		
1-Chlorooctane	102		70 - 130		10/08/24 08:26	10/10/24 12:04		1		
o-Terphenyl	80		70 - 130		10/08/24 08:26	10/10/24 12:04		1		

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: LCS 880-92753/2-A

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1274		mg/Kg		127	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1079		mg/Kg		108	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	131	S1+	70 - 130				
o-Terphenyl	119		70 - 130				

Lab Sample ID: LCSD 880-92753/3-A

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92753

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1284		mg/Kg		128	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1096		mg/Kg		110	70 - 130	2	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7215-A-31-B MS

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 92753

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	998	798.3		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	743.5		mg/Kg		74	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	111		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: 890-7215-A-31-C MSD

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 92753

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	998	787.7		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	720.5		mg/Kg		72	70 - 130	3	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	110		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 890-7215-A-31-C MSD
Matrix: Solid
Analysis Batch: 93004

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 92753

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	95		70 - 130

Lab Sample ID: MB 880-92818/1-A
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92818

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:21	10/09/24 10:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:21	10/09/24 10:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:21	10/09/24 10:19	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	145	S1+	70 - 130				10/09/24 08:21	10/09/24 10:19	1
<i>o</i> -Terphenyl	138	S1+	70 - 130				10/09/24 08:21	10/09/24 10:19	1

Lab Sample ID: LCS 880-92818/2-A
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1296		mg/Kg		130	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1291		mg/Kg		129	70 - 130
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
1-Chlorooctane	143	S1+	70 - 130				
<i>o</i> -Terphenyl	152	S1+	70 - 130				

Lab Sample ID: LCSD 880-92818/3-A
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92818

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1281		mg/Kg		128	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1266		mg/Kg		127	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	139	S1+	70 - 130						
<i>o</i> -Terphenyl	145	S1+	70 - 130						

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 890-7216-1 MS

Matrix: Solid

Analysis Batch: 92883

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

Prep Type: Total/NA

Prep Batch: 92818

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1269		mg/Kg		127	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1240		mg/Kg		124	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	146	S1+	70 - 130								

Lab Sample ID: 890-7216-1 MSD

Matrix: Solid

Analysis Batch: 92883

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

Prep Type: Total/NA

Prep Batch: 92818

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1288		mg/Kg		129	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1240		mg/Kg		124	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	115		70 - 130								
o-Terphenyl	146	S1+	70 - 130								

Lab Sample ID: MB 880-92819/1-A

Matrix: Solid

Analysis Batch: 92881

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92819

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 20:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 20:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:26	10/09/24 20:28	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	100		70 - 130				10/09/24 08:26	10/09/24 20:28	1
o-Terphenyl	80		70 - 130				10/09/24 08:26	10/09/24 20:28	1

Lab Sample ID: LCS 880-92819/2-A

Matrix: Solid

Analysis Batch: 92881

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92819

Analyte	Spike	LCS	Unit	D	%Rec	%Rec
	Added	Result				Qualifier
Gasoline Range Organics (GRO)-C6-C10	1000	1063	mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	888.4	mg/Kg		89	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: LCS 880-92819/2-A
Matrix: Solid
Analysis Batch: 92881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92819

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: LCSD 880-92819/3-A
Matrix: Solid
Analysis Batch: 92881

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92819

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1109		mg/Kg		111	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	911.6		mg/Kg		91	70 - 130	3	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	109										
o-Terphenyl	98										

Lab Sample ID: 890-7216-21 MS
Matrix: Solid
Analysis Batch: 92881

Client Sample ID: S - 6 (1 - 1.5)
Prep Type: Total/NA
Prep Batch: 92819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	890.8		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	753.2		mg/Kg		75	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	74										
o-Terphenyl	80										

Lab Sample ID: 890-7216-21 MSD
Matrix: Solid
Analysis Batch: 92881

Client Sample ID: S - 6 (1 - 1.5)
Prep Type: Total/NA
Prep Batch: 92819

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	998	898.5		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	756.7		mg/Kg		76	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	75										
o-Terphenyl	81										

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: MB 880-92820/1-A
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92820

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		10/09/24 08:29	10/09/24 20:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 20:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/09/24 08:29	10/09/24 20:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	10/09/24 08:29	10/09/24 20:28	1
o-Terphenyl	106		70 - 130	10/09/24 08:29	10/09/24 20:28	1

Lab Sample ID: LCS 880-92820/2-A
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1148		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1069		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	125		70 - 130

Lab Sample ID: LCSD 880-92820/3-A
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92820

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1142		mg/Kg		114	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1086		mg/Kg		109	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: 890-7216-41 MS
Matrix: Solid
Analysis Batch: 92883

Client Sample ID: S - 10 (1 - 1.5)
Prep Type: Total/NA
Prep Batch: 92820

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	997	898.7		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	879.8		mg/Kg		88	70 - 130

QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Lab Sample ID: 890-7216-41 MS

Matrix: Solid

Analysis Batch: 92883

Client Sample ID: S - 10 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92820

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 890-7216-41 MSD

Matrix: Solid

Analysis Batch: 92883

Client Sample ID: S - 10 (1 - 1.5)

Prep Type: Total/NA

Prep Batch: 92820

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	886.5		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	889.3		mg/Kg		89	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	108		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92830/1-A

Matrix: Solid

Analysis Batch: 92856

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/09/24 10:34	1

Lab Sample ID: LCS 880-92830/2-A

Matrix: Solid

Analysis Batch: 92856

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	250	244.3		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-92830/3-A

Matrix: Solid

Analysis Batch: 92856

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	244.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-7216-1 MS

Matrix: Solid

Analysis Batch: 92856

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

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	13.2		253	262.7		mg/Kg		99	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7216-1 MSD

Matrix: Solid

Analysis Batch: 92856

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.2		253	262.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-92832/1-A

Matrix: Solid

Analysis Batch: 92872

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/09/24 13:44	1

Lab Sample ID: LCS 880-92832/2-A

Matrix: Solid

Analysis Batch: 92872

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-92832/3-A

Matrix: Solid

Analysis Batch: 92872

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	253.2		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-7216-11 MS

Matrix: Solid

Analysis Batch: 92872

Client Sample ID: S - 3 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	192		252	454.3		mg/Kg		104	90 - 110

Lab Sample ID: 890-7216-11 MSD

Matrix: Solid

Analysis Batch: 92872

Client Sample ID: S - 3 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	192		252	451.4		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-7216-21 MS

Matrix: Solid

Analysis Batch: 92872

Client Sample ID: S - 6 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	315		252	564.3		mg/Kg		99	90 - 110

Lab Sample ID: 890-7216-21 MSD

Matrix: Solid

Analysis Batch: 92872

Client Sample ID: S - 6 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	315		252	562.3		mg/Kg		98	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92833/1-A

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/09/24 16:25	1

Lab Sample ID: LCS 880-92833/2-A

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.0		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-92833/3-A

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7216-31 MS

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: S - 8 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.6		250	279.8		mg/Kg		98	90 - 110

Lab Sample ID: 890-7216-31 MSD

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: S - 8 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.6		250	281.2		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-7216-41 MS

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: S - 10 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.02	U	251	258.2		mg/Kg		102	90 - 110

Lab Sample ID: 890-7216-41 MSD

Matrix: Solid

Analysis Batch: 92875

Client Sample ID: S - 10 (1 - 1.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.02	U	251	257.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-92834/1-A

Matrix: Solid

Analysis Batch: 92880

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/09/24 16:53	1

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-92834/2-A Matrix: Solid Analysis Batch: 92880											Client Sample ID: Lab Control Sample Prep Type: Soluble			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride			250	252.5		mg/Kg		101	90 - 110					
Lab Sample ID: LCSD 880-92834/3-A Matrix: Solid Analysis Batch: 92880											Client Sample ID: Lab Control Sample Dup Prep Type: Soluble			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD			RPD Limit	
Chloride			250	250.6		mg/Kg		100	90 - 110	1			20	
Lab Sample ID: 890-7216-51 MS Matrix: Solid Analysis Batch: 92880											Client Sample ID: S - 12 (1 - 1.5) Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride	5.19		251	256.7		mg/Kg		100	90 - 110					
Lab Sample ID: 890-7216-51 MSD Matrix: Solid Analysis Batch: 92880											Client Sample ID: S - 12 (1 - 1.5) Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD			RPD Limit	
Chloride	5.19		251	253.1		mg/Kg		99	90 - 110	1			20	
Lab Sample ID: 890-7216-61 MS Matrix: Solid Analysis Batch: 92880											Client Sample ID: H - 7 (0 - .5) Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride	<4.98	U	249	246.5		mg/Kg		98	90 - 110					
Lab Sample ID: 890-7216-61 MSD Matrix: Solid Analysis Batch: 92880											Client Sample ID: H - 7 (0 - .5) Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD			RPD Limit	
Chloride	<4.98	U	249	243.9		mg/Kg		97	90 - 110	1			20	
Lab Sample ID: MB 880-92916/1-A Matrix: Solid Analysis Batch: 92918											Client Sample ID: Method Blank Prep Type: Soluble			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed					Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			10/09/24 16:43					1	
Lab Sample ID: LCS 880-92916/2-A Matrix: Solid Analysis Batch: 92918											Client Sample ID: Lab Control Sample Prep Type: Soluble			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride			250	243.1		mg/Kg		97	90 - 110					

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-92916/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92918											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 820-15644-A-8-B MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92918											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	538		253	768.7		mg/Kg		91	90 - 110		

Lab Sample ID: 820-15644-A-8-C MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92918											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	538		253	768.6		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC VOA

Analysis Batch: 92825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Total/NA	Solid	8021B	92847
890-7216-2	S - 1 (1 - 1.5)	Total/NA	Solid	8021B	92847
890-7216-3	S - 1 (2 - 2.5)	Total/NA	Solid	8021B	92847
890-7216-4	S - 1 (3 - 3.5)	Total/NA	Solid	8021B	92847
890-7216-5	S - 2 (0 - .5)	Total/NA	Solid	8021B	92847
890-7216-6	S - 2 (1 - 1.5)	Total/NA	Solid	8021B	92847
890-7216-7	S - 2 (2 - 2.5)	Total/NA	Solid	8021B	92847
890-7216-8	S - 2 (3 - 3.5)	Total/NA	Solid	8021B	92847
890-7216-9	S - 2 (4 - 4.5)	Total/NA	Solid	8021B	92847
890-7216-10	S - 3 (0 - .5)	Total/NA	Solid	8021B	92847
890-7216-11	S - 3 (1 - 1.5)	Total/NA	Solid	8021B	92847
890-7216-12	S - 3 (2 - 2.5)	Total/NA	Solid	8021B	92847
890-7216-13	S - 3 (3 - 3.5)	Total/NA	Solid	8021B	92847
890-7216-14	S - 3 (4 - 4.5)	Total/NA	Solid	8021B	92847
890-7216-15	S - 4 (0 - .5)	Total/NA	Solid	8021B	92847
890-7216-16	S - 4 (1 - 1.5)	Total/NA	Solid	8021B	92847
890-7216-17	S - 4 (2 - 2.5)	Total/NA	Solid	8021B	92847
890-7216-18	S - 4 (3 - 3.5)	Total/NA	Solid	8021B	92847
890-7216-19	S - 4 (4 - 4.5)	Total/NA	Solid	8021B	92847
890-7216-20	S - 5 (0 - .5)	Total/NA	Solid	8021B	92847
MB 880-92847/5-A	Method Blank	Total/NA	Solid	8021B	92847
LCS 880-92847/1-A	Lab Control Sample	Total/NA	Solid	8021B	92847
LCSD 880-92847/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92847
890-7216-1 MS	S - 1 (0 - .5)	Total/NA	Solid	8021B	92847
890-7216-1 MSD	S - 1 (0 - .5)	Total/NA	Solid	8021B	92847

Analysis Batch: 92826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-61	H - 7 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-62	H - 8 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-63	H - 9 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-64	H - 10 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-65	H - 11 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-66	H - 12 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-67	H - 13 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-68	H - 14 (0 - .5)	Total/NA	Solid	8021B	92850
890-7216-69	H - 15 (0 - .5)	Total/NA	Solid	8021B	92850
MB 880-92850/5-A	Method Blank	Total/NA	Solid	8021B	92850
LCS 880-92850/1-A	Lab Control Sample	Total/NA	Solid	8021B	92850
LCSD 880-92850/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92850
880-49532-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	92850
880-49532-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	92850

Analysis Batch: 92827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-21	S - 6 (1 - 1.5)	Total/NA	Solid	8021B	92848
890-7216-22	S - 6 (2 - 2.5)	Total/NA	Solid	8021B	92848
890-7216-23	S - 6 (3 - 3.5)	Total/NA	Solid	8021B	92848
890-7216-24	S - 6 (4 - 4.5)	Total/NA	Solid	8021B	92848
890-7216-25	S - 7 (0 - .5)	Total/NA	Solid	8021B	92848
890-7216-26	S - 7 (1 - 1.5)	Total/NA	Solid	8021B	92848

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC VOA (Continued)

Analysis Batch: 92827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-27	S - 7 (2 - 2.5)	Total/NA	Solid	8021B	92848
890-7216-28	S - 7 (3 - 3.5)	Total/NA	Solid	8021B	92848
890-7216-29	S - 7 (4 - 4.5)	Total/NA	Solid	8021B	92848
890-7216-30	S - 8 (0 - .5)	Total/NA	Solid	8021B	92848
890-7216-31	S - 8 (1 - 1.5)	Total/NA	Solid	8021B	92848
890-7216-32	S - 8 (2 - 2.5)	Total/NA	Solid	8021B	92848
890-7216-33	S - 8 (3 - 3.5)	Total/NA	Solid	8021B	92848
890-7216-34	S - 8 (4 - 4.5)	Total/NA	Solid	8021B	92848
890-7216-35	S - 9 (0 - 0.5)	Total/NA	Solid	8021B	92848
890-7216-36	S - 9 (1 - 1.5)	Total/NA	Solid	8021B	92848
890-7216-37	S - 9 (2 - 2.5)	Total/NA	Solid	8021B	92848
890-7216-38	S - 9 (3 - 3.5)	Total/NA	Solid	8021B	92848
890-7216-39	S - 9 (4 - 4.5)	Total/NA	Solid	8021B	92848
890-7216-40	S - 10 (0 - .5)	Total/NA	Solid	8021B	92848
MB 880-92848/5-A	Method Blank	Total/NA	Solid	8021B	92848
LCS 880-92848/1-A	Lab Control Sample	Total/NA	Solid	8021B	92848
LCSD 880-92848/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92848
890-7216-21 MS	S - 6 (1 - 1.5)	Total/NA	Solid	8021B	92848
890-7216-21 MSD	S - 6 (1 - 1.5)	Total/NA	Solid	8021B	92848

Analysis Batch: 92828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-41	S - 10 (1 - 1.5)	Total/NA	Solid	8021B	92849
890-7216-42	S - 10 (2 - 2.5)	Total/NA	Solid	8021B	92849
890-7216-43	S - 10 (3 - 3.5)	Total/NA	Solid	8021B	92849
890-7216-44	S - 10 (4 - 4.5)	Total/NA	Solid	8021B	92849
890-7216-45	S - 11 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-46	S - 11 (1 - 1.5)	Total/NA	Solid	8021B	92849
890-7216-47	S - 11 (2 - 2.5)	Total/NA	Solid	8021B	92849
890-7216-48	S - 11 (3 - 3.5)	Total/NA	Solid	8021B	92849
890-7216-49	S - 11 (4 - 4.5)	Total/NA	Solid	8021B	92849
890-7216-50	S - 12 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-51	S - 12 (1 - 1.5)	Total/NA	Solid	8021B	92849
890-7216-52	S - 12 (2 - 2.5)	Total/NA	Solid	8021B	92849
890-7216-53	S - 12 (3 - 3.5)	Total/NA	Solid	8021B	92849
890-7216-54	S - 12 (4 - 4.5)	Total/NA	Solid	8021B	92849
890-7216-55	H - 1 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-56	H - 2 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-57	H - 3 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-58	H - 4 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-59	H - 5 (0 - .5)	Total/NA	Solid	8021B	92849
890-7216-60	H - 6 (0 - .5)	Total/NA	Solid	8021B	92849
MB 880-92849/5-A	Method Blank	Total/NA	Solid	8021B	92849
LCS 880-92849/1-A	Lab Control Sample	Total/NA	Solid	8021B	92849
LCSD 880-92849/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92849
890-7216-41 MS	S - 10 (1 - 1.5)	Total/NA	Solid	8021B	92849
890-7216-41 MSD	S - 10 (1 - 1.5)	Total/NA	Solid	8021B	92849

Analysis Batch: 92829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-70	S-5 (1-1.5')	Total/NA	Solid	8021B	92860

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC VOA (Continued)

Analysis Batch: 92829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-71	S-5 (2-2.5')	Total/NA	Solid	8021B	92860
890-7216-72	S-5 (3-3.5')	Total/NA	Solid	8021B	92860
890-7216-73	S-5 (4-4.5')	Total/NA	Solid	8021B	92860
890-7216-74	S-6 (0-0.5)	Total/NA	Solid	8021B	92860
MB 880-92860/5-A	Method Blank	Total/NA	Solid	8021B	92860
LCS 880-92860/1-A	Lab Control Sample	Total/NA	Solid	8021B	92860
LCSD 880-92860/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92860
880-49541-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	92860
880-49541-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	92860

Prep Batch: 92847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Total/NA	Solid	5035	
890-7216-2	S - 1 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-3	S - 1 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-4	S - 1 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-5	S - 2 (0 - .5)	Total/NA	Solid	5035	
890-7216-6	S - 2 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-7	S - 2 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-8	S - 2 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-9	S - 2 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-10	S - 3 (0 - .5)	Total/NA	Solid	5035	
890-7216-11	S - 3 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-12	S - 3 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-13	S - 3 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-14	S - 3 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-15	S - 4 (0 - .5)	Total/NA	Solid	5035	
890-7216-16	S - 4 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-17	S - 4 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-18	S - 4 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-19	S - 4 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-20	S - 5 (0 - .5)	Total/NA	Solid	5035	
MB 880-92847/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92847/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92847/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7216-1 MS	S - 1 (0 - .5)	Total/NA	Solid	5035	
890-7216-1 MSD	S - 1 (0 - .5)	Total/NA	Solid	5035	

Prep Batch: 92848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-21	S - 6 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-22	S - 6 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-23	S - 6 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-24	S - 6 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-25	S - 7 (0 - .5)	Total/NA	Solid	5035	
890-7216-26	S - 7 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-27	S - 7 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-28	S - 7 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-29	S - 7 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-30	S - 8 (0 - .5)	Total/NA	Solid	5035	
890-7216-31	S - 8 (1 - 1.5)	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC VOA (Continued)

Prep Batch: 92848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-32	S - 8 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-33	S - 8 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-34	S - 8 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-35	S - 9 (0 - 0.5)	Total/NA	Solid	5035	
890-7216-36	S - 9 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-37	S - 9 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-38	S - 9 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-39	S - 9 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-40	S - 10 (0 - .5)	Total/NA	Solid	5035	
MB 880-92848/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92848/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92848/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7216-21 MS	S - 6 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-21 MSD	S - 6 (1 - 1.5)	Total/NA	Solid	5035	

Prep Batch: 92849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-41	S - 10 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-42	S - 10 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-43	S - 10 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-44	S - 10 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-45	S - 11 (0 - .5)	Total/NA	Solid	5035	
890-7216-46	S - 11 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-47	S - 11 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-48	S - 11 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-49	S - 11 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-50	S - 12 (0 - .5)	Total/NA	Solid	5035	
890-7216-51	S - 12 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-52	S - 12 (2 - 2.5)	Total/NA	Solid	5035	
890-7216-53	S - 12 (3 - 3.5)	Total/NA	Solid	5035	
890-7216-54	S - 12 (4 - 4.5)	Total/NA	Solid	5035	
890-7216-55	H - 1 (0 - .5)	Total/NA	Solid	5035	
890-7216-56	H - 2 (0 - .5)	Total/NA	Solid	5035	
890-7216-57	H - 3 (0 - .5)	Total/NA	Solid	5035	
890-7216-58	H - 4 (0 - .5)	Total/NA	Solid	5035	
890-7216-59	H - 5 (0 - .5)	Total/NA	Solid	5035	
890-7216-60	H - 6 (0 - .5)	Total/NA	Solid	5035	
MB 880-92849/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92849/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92849/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7216-41 MS	S - 10 (1 - 1.5)	Total/NA	Solid	5035	
890-7216-41 MSD	S - 10 (1 - 1.5)	Total/NA	Solid	5035	

Prep Batch: 92850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-61	H - 7 (0 - .5)	Total/NA	Solid	5035	
890-7216-62	H - 8 (0 - .5)	Total/NA	Solid	5035	
890-7216-63	H - 9 (0 - .5)	Total/NA	Solid	5035	
890-7216-64	H - 10 (0 - .5)	Total/NA	Solid	5035	
890-7216-65	H - 11 (0 - .5)	Total/NA	Solid	5035	
890-7216-66	H - 12 (0 - .5)	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC VOA (Continued)

Prep Batch: 92850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-67	H - 13 (0 - .5)	Total/NA	Solid	5035	
890-7216-68	H - 14 (0 - .5)	Total/NA	Solid	5035	
890-7216-69	H - 15 (0 - .5)	Total/NA	Solid	5035	
MB 880-92850/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92850/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92850/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49532-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-49532-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 92860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-70	S-5 (1-1.5')	Total/NA	Solid	5035	
890-7216-71	S-5 (2-2.5')	Total/NA	Solid	5035	
890-7216-72	S-5 (3-3.5')	Total/NA	Solid	5035	
890-7216-73	S-5 (4-4.5')	Total/NA	Solid	5035	
890-7216-74	S-6 (0-0.5)	Total/NA	Solid	5035	
MB 880-92860/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92860/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92860/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49541-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-49541-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 92922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-2	S - 1 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-3	S - 1 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-4	S - 1 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-5	S - 2 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-6	S - 2 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-7	S - 2 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-8	S - 2 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-9	S - 2 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-10	S - 3 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-11	S - 3 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-12	S - 3 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-13	S - 3 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-14	S - 3 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-15	S - 4 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-16	S - 4 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-17	S - 4 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-18	S - 4 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-19	S - 4 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-20	S - 5 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-21	S - 6 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-22	S - 6 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-23	S - 6 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-24	S - 6 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-25	S - 7 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-26	S - 7 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-27	S - 7 (2 - 2.5)	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC VOA (Continued)

Analysis Batch: 92922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-28	S - 7 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-29	S - 7 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-30	S - 8 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-31	S - 8 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-32	S - 8 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-33	S - 8 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-34	S - 8 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-35	S - 9 (0 - 0.5)	Total/NA	Solid	Total BTEX	
890-7216-36	S - 9 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-37	S - 9 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-38	S - 9 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-39	S - 9 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-40	S - 10 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-41	S - 10 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-42	S - 10 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-43	S - 10 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-44	S - 10 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-45	S - 11 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-46	S - 11 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-47	S - 11 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-48	S - 11 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-49	S - 11 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-50	S - 12 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-51	S - 12 (1 - 1.5)	Total/NA	Solid	Total BTEX	
890-7216-52	S - 12 (2 - 2.5)	Total/NA	Solid	Total BTEX	
890-7216-53	S - 12 (3 - 3.5)	Total/NA	Solid	Total BTEX	
890-7216-54	S - 12 (4 - 4.5)	Total/NA	Solid	Total BTEX	
890-7216-55	H - 1 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-56	H - 2 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-57	H - 3 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-58	H - 4 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-59	H - 5 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-60	H - 6 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-61	H - 7 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-62	H - 8 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-63	H - 9 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-64	H - 10 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-65	H - 11 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-66	H - 12 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-67	H - 13 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-68	H - 14 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-69	H - 15 (0 - .5)	Total/NA	Solid	Total BTEX	
890-7216-70	S-5 (1-1.5')	Total/NA	Solid	Total BTEX	
890-7216-71	S-5 (2-2.5')	Total/NA	Solid	Total BTEX	
890-7216-72	S-5 (3-3.5')	Total/NA	Solid	Total BTEX	
890-7216-73	S-5 (4-4.5')	Total/NA	Solid	Total BTEX	
890-7216-74	S-6 (0-0.5)	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC Semi VOA

Prep Batch: 92753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-61	H - 7 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-62	H - 8 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-63	H - 9 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-64	H - 10 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-65	H - 11 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-66	H - 12 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-67	H - 13 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-68	H - 14 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-69	H - 15 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-70	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-7216-71	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-7216-72	S-5 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-7216-73	S-5 (4-4.5')	Total/NA	Solid	8015NM Prep	
890-7216-74	S-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-92753/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92753/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92753/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7215-A-31-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7215-A-31-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 92818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-2	S - 1 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-3	S - 1 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-4	S - 1 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-5	S - 2 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-6	S - 2 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-7	S - 2 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-8	S - 2 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-9	S - 2 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-10	S - 3 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-11	S - 3 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-12	S - 3 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-13	S - 3 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-14	S - 3 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-15	S - 4 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-16	S - 4 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-17	S - 4 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-18	S - 4 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-19	S - 4 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-20	S - 5 (0 - .5)	Total/NA	Solid	8015NM Prep	
MB 880-92818/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92818/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92818/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7216-1 MS	S - 1 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-1 MSD	S - 1 (0 - .5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 92819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-21	S - 6 (1 - 1.5)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC Semi VOA (Continued)

Prep Batch: 92819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-22	S - 6 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-23	S - 6 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-24	S - 6 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-25	S - 7 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-26	S - 7 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-27	S - 7 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-28	S - 7 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-29	S - 7 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-30	S - 8 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-31	S - 8 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-32	S - 8 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-33	S - 8 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-34	S - 8 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-35	S - 9 (0 - 0.5)	Total/NA	Solid	8015NM Prep	
890-7216-36	S - 9 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-37	S - 9 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-38	S - 9 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-39	S - 9 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-40	S - 10 (0 - .5)	Total/NA	Solid	8015NM Prep	
MB 880-92819/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7216-21 MS	S - 6 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-21 MSD	S - 6 (1 - 1.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 92820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-41	S - 10 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-42	S - 10 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-43	S - 10 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-44	S - 10 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-45	S - 11 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-46	S - 11 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-47	S - 11 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-48	S - 11 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-49	S - 11 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-50	S - 12 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-51	S - 12 (1 - 1.5)	Total/NA	Solid	8015NM Prep	
890-7216-52	S - 12 (2 - 2.5)	Total/NA	Solid	8015NM Prep	
890-7216-53	S - 12 (3 - 3.5)	Total/NA	Solid	8015NM Prep	
890-7216-54	S - 12 (4 - 4.5)	Total/NA	Solid	8015NM Prep	
890-7216-55	H - 1 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-56	H - 2 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-57	H - 3 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-58	H - 4 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-59	H - 5 (0 - .5)	Total/NA	Solid	8015NM Prep	
890-7216-60	H - 6 (0 - .5)	Total/NA	Solid	8015NM Prep	
MB 880-92820/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92820/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7216-41 MS	S - 10 (1 - 1.5)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC Semi VOA (Continued)

Prep Batch: 92820 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-41 MSD	S - 10 (1 - 1.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 92881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-21	S - 6 (1 - 1.5)	Total/NA	Solid	8015B NM	92819
890-7216-22	S - 6 (2 - 2.5)	Total/NA	Solid	8015B NM	92819
890-7216-23	S - 6 (3 - 3.5)	Total/NA	Solid	8015B NM	92819
890-7216-24	S - 6 (4 - 4.5)	Total/NA	Solid	8015B NM	92819
890-7216-25	S - 7 (0 - .5)	Total/NA	Solid	8015B NM	92819
890-7216-26	S - 7 (1 - 1.5)	Total/NA	Solid	8015B NM	92819
890-7216-27	S - 7 (2 - 2.5)	Total/NA	Solid	8015B NM	92819
890-7216-28	S - 7 (3 - 3.5)	Total/NA	Solid	8015B NM	92819
890-7216-29	S - 7 (4 - 4.5)	Total/NA	Solid	8015B NM	92819
890-7216-30	S - 8 (0 - .5)	Total/NA	Solid	8015B NM	92819
890-7216-31	S - 8 (1 - 1.5)	Total/NA	Solid	8015B NM	92819
890-7216-32	S - 8 (2 - 2.5)	Total/NA	Solid	8015B NM	92819
890-7216-33	S - 8 (3 - 3.5)	Total/NA	Solid	8015B NM	92819
890-7216-34	S - 8 (4 - 4.5)	Total/NA	Solid	8015B NM	92819
890-7216-35	S - 9 (0 - 0.5)	Total/NA	Solid	8015B NM	92819
890-7216-36	S - 9 (1 - 1.5)	Total/NA	Solid	8015B NM	92819
890-7216-37	S - 9 (2 - 2.5)	Total/NA	Solid	8015B NM	92819
890-7216-38	S - 9 (3 - 3.5)	Total/NA	Solid	8015B NM	92819
890-7216-39	S - 9 (4 - 4.5)	Total/NA	Solid	8015B NM	92819
890-7216-40	S - 10 (0 - .5)	Total/NA	Solid	8015B NM	92819
MB 880-92819/1-A	Method Blank	Total/NA	Solid	8015B NM	92819
LCS 880-92819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92819
LCSD 880-92819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92819
890-7216-21 MS	S - 6 (1 - 1.5)	Total/NA	Solid	8015B NM	92819
890-7216-21 MSD	S - 6 (1 - 1.5)	Total/NA	Solid	8015B NM	92819

Analysis Batch: 92883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-2	S - 1 (1 - 1.5)	Total/NA	Solid	8015B NM	92818
890-7216-3	S - 1 (2 - 2.5)	Total/NA	Solid	8015B NM	92818
890-7216-4	S - 1 (3 - 3.5)	Total/NA	Solid	8015B NM	92818
890-7216-5	S - 2 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-6	S - 2 (1 - 1.5)	Total/NA	Solid	8015B NM	92818
890-7216-7	S - 2 (2 - 2.5)	Total/NA	Solid	8015B NM	92818
890-7216-8	S - 2 (3 - 3.5)	Total/NA	Solid	8015B NM	92818
890-7216-9	S - 2 (4 - 4.5)	Total/NA	Solid	8015B NM	92818
890-7216-10	S - 3 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-11	S - 3 (1 - 1.5)	Total/NA	Solid	8015B NM	92818
890-7216-12	S - 3 (2 - 2.5)	Total/NA	Solid	8015B NM	92818
890-7216-13	S - 3 (3 - 3.5)	Total/NA	Solid	8015B NM	92818
890-7216-14	S - 3 (4 - 4.5)	Total/NA	Solid	8015B NM	92818
890-7216-15	S - 4 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-16	S - 4 (1 - 1.5)	Total/NA	Solid	8015B NM	92818
890-7216-17	S - 4 (2 - 2.5)	Total/NA	Solid	8015B NM	92818
890-7216-18	S - 4 (3 - 3.5)	Total/NA	Solid	8015B NM	92818
890-7216-19	S - 4 (4 - 4.5)	Total/NA	Solid	8015B NM	92818

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC Semi VOA (Continued)

Analysis Batch: 92883 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-20	S - 5 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-41	S - 10 (1 - 1.5)	Total/NA	Solid	8015B NM	92820
890-7216-42	S - 10 (2 - 2.5)	Total/NA	Solid	8015B NM	92820
890-7216-43	S - 10 (3 - 3.5)	Total/NA	Solid	8015B NM	92820
890-7216-44	S - 10 (4 - 4.5)	Total/NA	Solid	8015B NM	92820
890-7216-45	S - 11 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-46	S - 11 (1 - 1.5)	Total/NA	Solid	8015B NM	92820
890-7216-47	S - 11 (2 - 2.5)	Total/NA	Solid	8015B NM	92820
890-7216-48	S - 11 (3 - 3.5)	Total/NA	Solid	8015B NM	92820
890-7216-49	S - 11 (4 - 4.5)	Total/NA	Solid	8015B NM	92820
890-7216-50	S - 12 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-51	S - 12 (1 - 1.5)	Total/NA	Solid	8015B NM	92820
890-7216-52	S - 12 (2 - 2.5)	Total/NA	Solid	8015B NM	92820
890-7216-53	S - 12 (3 - 3.5)	Total/NA	Solid	8015B NM	92820
890-7216-54	S - 12 (4 - 4.5)	Total/NA	Solid	8015B NM	92820
890-7216-55	H - 1 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-56	H - 2 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-57	H - 3 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-58	H - 4 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-59	H - 5 (0 - .5)	Total/NA	Solid	8015B NM	92820
890-7216-60	H - 6 (0 - .5)	Total/NA	Solid	8015B NM	92820
MB 880-92818/1-A	Method Blank	Total/NA	Solid	8015B NM	92818
MB 880-92820/1-A	Method Blank	Total/NA	Solid	8015B NM	92820
LCS 880-92818/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92818
LCS 880-92820/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92820
LCSD 880-92818/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92818
LCSD 880-92820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92820
890-7216-1 MS	S - 1 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-1 MSD	S - 1 (0 - .5)	Total/NA	Solid	8015B NM	92818
890-7216-41 MS	S - 10 (1 - 1.5)	Total/NA	Solid	8015B NM	92820
890-7216-41 MSD	S - 10 (1 - 1.5)	Total/NA	Solid	8015B NM	92820

Analysis Batch: 92971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-2	S - 1 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-3	S - 1 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-4	S - 1 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-5	S - 2 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-6	S - 2 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-7	S - 2 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-8	S - 2 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-9	S - 2 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-10	S - 3 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-11	S - 3 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-12	S - 3 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-13	S - 3 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-14	S - 3 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-15	S - 4 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-16	S - 4 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-17	S - 4 (2 - 2.5)	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC Semi VOA (Continued)

Analysis Batch: 92971 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-18	S - 4 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-19	S - 4 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-20	S - 5 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-21	S - 6 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-22	S - 6 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-23	S - 6 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-24	S - 6 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-25	S - 7 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-26	S - 7 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-27	S - 7 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-28	S - 7 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-29	S - 7 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-30	S - 8 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-31	S - 8 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-32	S - 8 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-33	S - 8 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-34	S - 8 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-35	S - 9 (0 - 0.5)	Total/NA	Solid	8015 NM	
890-7216-36	S - 9 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-37	S - 9 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-38	S - 9 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-39	S - 9 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-40	S - 10 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-41	S - 10 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-42	S - 10 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-43	S - 10 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-44	S - 10 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-45	S - 11 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-46	S - 11 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-47	S - 11 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-48	S - 11 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-49	S - 11 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-50	S - 12 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-51	S - 12 (1 - 1.5)	Total/NA	Solid	8015 NM	
890-7216-52	S - 12 (2 - 2.5)	Total/NA	Solid	8015 NM	
890-7216-53	S - 12 (3 - 3.5)	Total/NA	Solid	8015 NM	
890-7216-54	S - 12 (4 - 4.5)	Total/NA	Solid	8015 NM	
890-7216-55	H - 1 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-56	H - 2 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-57	H - 3 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-58	H - 4 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-59	H - 5 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-60	H - 6 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-61	H - 7 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-62	H - 8 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-63	H - 9 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-64	H - 10 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-65	H - 11 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-66	H - 12 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-67	H - 13 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-68	H - 14 (0 - .5)	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

GC Semi VOA (Continued)

Analysis Batch: 92971 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-69	H - 15 (0 - .5)	Total/NA	Solid	8015 NM	
890-7216-70	S-5 (1-1.5')	Total/NA	Solid	8015 NM	
890-7216-71	S-5 (2-2.5')	Total/NA	Solid	8015 NM	
890-7216-72	S-5 (3-3.5')	Total/NA	Solid	8015 NM	
890-7216-73	S-5 (4-4.5')	Total/NA	Solid	8015 NM	
890-7216-74	S-6 (0-0.5)	Total/NA	Solid	8015 NM	

Analysis Batch: 93004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-61	H - 7 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-62	H - 8 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-63	H - 9 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-64	H - 10 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-65	H - 11 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-66	H - 12 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-67	H - 13 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-68	H - 14 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-69	H - 15 (0 - .5)	Total/NA	Solid	8015B NM	92753
890-7216-70	S-5 (1-1.5')	Total/NA	Solid	8015B NM	92753
890-7216-71	S-5 (2-2.5')	Total/NA	Solid	8015B NM	92753
890-7216-72	S-5 (3-3.5')	Total/NA	Solid	8015B NM	92753
890-7216-73	S-5 (4-4.5')	Total/NA	Solid	8015B NM	92753
890-7216-74	S-6 (0-0.5)	Total/NA	Solid	8015B NM	92753
MB 880-92753/1-A	Method Blank	Total/NA	Solid	8015B NM	92753
LCS 880-92753/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92753
LCSD 880-92753/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92753
890-7215-A-31-B MS	Matrix Spike	Total/NA	Solid	8015B NM	92753
890-7215-A-31-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	92753

HPLC/IC

Leach Batch: 92830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-2	S - 1 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-3	S - 1 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-4	S - 1 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-5	S - 2 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-6	S - 2 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-7	S - 2 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-8	S - 2 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-9	S - 2 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-10	S - 3 (0 - .5)	Soluble	Solid	DI Leach	
MB 880-92830/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92830/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92830/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7216-1 MS	S - 1 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-1 MSD	S - 1 (0 - .5)	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

HPLC/IC

Leach Batch: 92832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-11	S - 3 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-12	S - 3 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-13	S - 3 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-14	S - 3 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-15	S - 4 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-16	S - 4 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-17	S - 4 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-18	S - 4 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-19	S - 4 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-20	S - 5 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-21	S - 6 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-22	S - 6 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-23	S - 6 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-24	S - 6 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-25	S - 7 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-26	S - 7 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-27	S - 7 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-28	S - 7 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-29	S - 7 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-30	S - 8 (0 - .5)	Soluble	Solid	DI Leach	
MB 880-92832/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92832/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92832/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7216-11 MS	S - 3 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-11 MSD	S - 3 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-21 MS	S - 6 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-21 MSD	S - 6 (1 - 1.5)	Soluble	Solid	DI Leach	

Leach Batch: 92833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-31	S - 8 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-32	S - 8 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-33	S - 8 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-34	S - 8 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-35	S - 9 (0 - 0.5)	Soluble	Solid	DI Leach	
890-7216-36	S - 9 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-37	S - 9 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-38	S - 9 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-39	S - 9 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-40	S - 10 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-41	S - 10 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-42	S - 10 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-43	S - 10 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-44	S - 10 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-45	S - 11 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-46	S - 11 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-47	S - 11 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-48	S - 11 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-49	S - 11 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-50	S - 12 (0 - .5)	Soluble	Solid	DI Leach	
MB 880-92833/1-A	Method Blank	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

HPLC/IC (Continued)

Leach Batch: 92833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-92833/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92833/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7216-31 MS	S - 8 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-31 MSD	S - 8 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-41 MS	S - 10 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-41 MSD	S - 10 (1 - 1.5)	Soluble	Solid	DI Leach	

Leach Batch: 92834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-51	S - 12 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-52	S - 12 (2 - 2.5)	Soluble	Solid	DI Leach	
890-7216-53	S - 12 (3 - 3.5)	Soluble	Solid	DI Leach	
890-7216-54	S - 12 (4 - 4.5)	Soluble	Solid	DI Leach	
890-7216-55	H - 1 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-56	H - 2 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-57	H - 3 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-58	H - 4 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-59	H - 5 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-60	H - 6 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-61	H - 7 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-62	H - 8 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-63	H - 9 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-64	H - 10 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-65	H - 11 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-66	H - 12 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-67	H - 13 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-68	H - 14 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-69	H - 15 (0 - .5)	Soluble	Solid	DI Leach	
MB 880-92834/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92834/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92834/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7216-51 MS	S - 12 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-51 MSD	S - 12 (1 - 1.5)	Soluble	Solid	DI Leach	
890-7216-61 MS	H - 7 (0 - .5)	Soluble	Solid	DI Leach	
890-7216-61 MSD	H - 7 (0 - .5)	Soluble	Solid	DI Leach	

Analysis Batch: 92856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1	S - 1 (0 - .5)	Soluble	Solid	300.0	92830
890-7216-2	S - 1 (1 - 1.5)	Soluble	Solid	300.0	92830
890-7216-3	S - 1 (2 - 2.5)	Soluble	Solid	300.0	92830
890-7216-4	S - 1 (3 - 3.5)	Soluble	Solid	300.0	92830
890-7216-5	S - 2 (0 - .5)	Soluble	Solid	300.0	92830
890-7216-6	S - 2 (1 - 1.5)	Soluble	Solid	300.0	92830
890-7216-7	S - 2 (2 - 2.5)	Soluble	Solid	300.0	92830
890-7216-8	S - 2 (3 - 3.5)	Soluble	Solid	300.0	92830
890-7216-9	S - 2 (4 - 4.5)	Soluble	Solid	300.0	92830
890-7216-10	S - 3 (0 - .5)	Soluble	Solid	300.0	92830
MB 880-92830/1-A	Method Blank	Soluble	Solid	300.0	92830
LCS 880-92830/2-A	Lab Control Sample	Soluble	Solid	300.0	92830
LCSD 880-92830/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92830

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

HPLC/IC (Continued)

Analysis Batch: 92856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-1 MS	S - 1 (0 - .5)	Soluble	Solid	300.0	92830
890-7216-1 MSD	S - 1 (0 - .5)	Soluble	Solid	300.0	92830

Analysis Batch: 92872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-11	S - 3 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-12	S - 3 (2 - 2.5)	Soluble	Solid	300.0	92832
890-7216-13	S - 3 (3 - 3.5)	Soluble	Solid	300.0	92832
890-7216-14	S - 3 (4 - 4.5)	Soluble	Solid	300.0	92832
890-7216-15	S - 4 (0 - .5)	Soluble	Solid	300.0	92832
890-7216-16	S - 4 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-17	S - 4 (2 - 2.5)	Soluble	Solid	300.0	92832
890-7216-18	S - 4 (3 - 3.5)	Soluble	Solid	300.0	92832
890-7216-19	S - 4 (4 - 4.5)	Soluble	Solid	300.0	92832
890-7216-20	S - 5 (0 - .5)	Soluble	Solid	300.0	92832
890-7216-21	S - 6 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-22	S - 6 (2 - 2.5)	Soluble	Solid	300.0	92832
890-7216-23	S - 6 (3 - 3.5)	Soluble	Solid	300.0	92832
890-7216-24	S - 6 (4 - 4.5)	Soluble	Solid	300.0	92832
890-7216-25	S - 7 (0 - .5)	Soluble	Solid	300.0	92832
890-7216-26	S - 7 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-27	S - 7 (2 - 2.5)	Soluble	Solid	300.0	92832
890-7216-28	S - 7 (3 - 3.5)	Soluble	Solid	300.0	92832
890-7216-29	S - 7 (4 - 4.5)	Soluble	Solid	300.0	92832
890-7216-30	S - 8 (0 - .5)	Soluble	Solid	300.0	92832
MB 880-92832/1-A	Method Blank	Soluble	Solid	300.0	92832
LCS 880-92832/2-A	Lab Control Sample	Soluble	Solid	300.0	92832
LCSD 880-92832/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92832
890-7216-11 MS	S - 3 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-11 MSD	S - 3 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-21 MS	S - 6 (1 - 1.5)	Soluble	Solid	300.0	92832
890-7216-21 MSD	S - 6 (1 - 1.5)	Soluble	Solid	300.0	92832

Analysis Batch: 92875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-31	S - 8 (1 - 1.5)	Soluble	Solid	300.0	92833
890-7216-32	S - 8 (2 - 2.5)	Soluble	Solid	300.0	92833
890-7216-33	S - 8 (3 - 3.5)	Soluble	Solid	300.0	92833
890-7216-34	S - 8 (4 - 4.5)	Soluble	Solid	300.0	92833
890-7216-35	S - 9 (0 - 0.5)	Soluble	Solid	300.0	92833
890-7216-36	S - 9 (1 - 1.5)	Soluble	Solid	300.0	92833
890-7216-37	S - 9 (2 - 2.5)	Soluble	Solid	300.0	92833
890-7216-38	S - 9 (3 - 3.5)	Soluble	Solid	300.0	92833
890-7216-39	S - 9 (4 - 4.5)	Soluble	Solid	300.0	92833
890-7216-40	S - 10 (0 - .5)	Soluble	Solid	300.0	92833
890-7216-41	S - 10 (1 - 1.5)	Soluble	Solid	300.0	92833
890-7216-42	S - 10 (2 - 2.5)	Soluble	Solid	300.0	92833
890-7216-43	S - 10 (3 - 3.5)	Soluble	Solid	300.0	92833
890-7216-44	S - 10 (4 - 4.5)	Soluble	Solid	300.0	92833
890-7216-45	S - 11 (0 - .5)	Soluble	Solid	300.0	92833
890-7216-46	S - 11 (1 - 1.5)	Soluble	Solid	300.0	92833

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

HPLC/IC (Continued)

Analysis Batch: 92875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-47	S - 11 (2 - 2.5)	Soluble	Solid	300.0	92833
890-7216-48	S - 11 (3 - 3.5)	Soluble	Solid	300.0	92833
890-7216-49	S - 11 (4 - 4.5)	Soluble	Solid	300.0	92833
890-7216-50	S - 12 (0 - .5)	Soluble	Solid	300.0	92833
MB 880-92833/1-A	Method Blank	Soluble	Solid	300.0	92833
LCS 880-92833/2-A	Lab Control Sample	Soluble	Solid	300.0	92833
LCSD 880-92833/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92833
890-7216-31 MS	S - 8 (1 - 1.5)	Soluble	Solid	300.0	92833
890-7216-31 MSD	S - 8 (1 - 1.5)	Soluble	Solid	300.0	92833
890-7216-41 MS	S - 10 (1 - 1.5)	Soluble	Solid	300.0	92833
890-7216-41 MSD	S - 10 (1 - 1.5)	Soluble	Solid	300.0	92833

Analysis Batch: 92880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-51	S - 12 (1 - 1.5)	Soluble	Solid	300.0	92834
890-7216-52	S - 12 (2 - 2.5)	Soluble	Solid	300.0	92834
890-7216-53	S - 12 (3 - 3.5)	Soluble	Solid	300.0	92834
890-7216-54	S - 12 (4 - 4.5)	Soluble	Solid	300.0	92834
890-7216-55	H - 1 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-56	H - 2 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-57	H - 3 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-58	H - 4 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-59	H - 5 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-60	H - 6 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-61	H - 7 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-62	H - 8 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-63	H - 9 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-64	H - 10 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-65	H - 11 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-66	H - 12 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-67	H - 13 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-68	H - 14 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-69	H - 15 (0 - .5)	Soluble	Solid	300.0	92834
MB 880-92834/1-A	Method Blank	Soluble	Solid	300.0	92834
LCS 880-92834/2-A	Lab Control Sample	Soluble	Solid	300.0	92834
LCSD 880-92834/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92834
890-7216-51 MS	S - 12 (1 - 1.5)	Soluble	Solid	300.0	92834
890-7216-51 MSD	S - 12 (1 - 1.5)	Soluble	Solid	300.0	92834
890-7216-61 MS	H - 7 (0 - .5)	Soluble	Solid	300.0	92834
890-7216-61 MSD	H - 7 (0 - .5)	Soluble	Solid	300.0	92834

Leach Batch: 92916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-70	S-5 (1-1.5')	Soluble	Solid	DI Leach	
890-7216-71	S-5 (2-2.5')	Soluble	Solid	DI Leach	
890-7216-72	S-5 (3-3.5')	Soluble	Solid	DI Leach	
890-7216-73	S-5 (4-4.5')	Soluble	Solid	DI Leach	
890-7216-74	S-6 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-92916/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92916/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92916/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

HPLC/IC (Continued)

Leach Batch: 92916 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-15644-A-8-B MS	Matrix Spike	Soluble	Solid	DI Leach	
820-15644-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 92918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7216-70	S-5 (1-1.5')	Soluble	Solid	300.0	92916
890-7216-71	S-5 (2-2.5')	Soluble	Solid	300.0	92916
890-7216-72	S-5 (3-3.5')	Soluble	Solid	300.0	92916
890-7216-73	S-5 (4-4.5')	Soluble	Solid	300.0	92916
890-7216-74	S-6 (0-0.5)	Soluble	Solid	300.0	92916
MB 880-92916/1-A	Method Blank	Soluble	Solid	300.0	92916
LCS 880-92916/2-A	Lab Control Sample	Soluble	Solid	300.0	92916
LCSD 880-92916/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92916
820-15644-A-8-B MS	Matrix Spike	Soluble	Solid	300.0	92916
820-15644-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92916

Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 1 (0 - .5)
Date Collected: 10/07/24 09:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 13:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 13:25	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 12:21	CH	EET MID

Client Sample ID: S - 1 (1 - 1.5)
Date Collected: 10/07/24 09:05
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 14:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 14:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 12:40	CH	EET MID

Client Sample ID: S - 1 (2 - 2.5)
Date Collected: 10/07/24 09:10
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 14:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 12:47	CH	EET MID

Client Sample ID: S - 1 (3 - 3.5)
Date Collected: 10/07/24 09:15
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-4
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			5.04 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:10	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 1 (3 - 3.5)

Lab Sample ID: 890-7216-4

Date Collected: 10/07/24 09:15

Matrix: Solid

Date Received: 10/08/24 16:00

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			92971	10/09/24 14:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:05	CH	EET MID

Client Sample ID: S - 2 (0 - .5)

Lab Sample ID: 890-7216-5

Date Collected: 10/07/24 09:20

Matrix: Solid

Date Received: 10/08/24 16:00

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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 15:00	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:12	CH	EET MID

Client Sample ID: S - 2 (1 - 1.5)

Lab Sample ID: 890-7216-6

Date Collected: 10/07/24 09:25

Matrix: Solid

Date Received: 10/08/24 16:00

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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 15:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 15:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:18	CH	EET MID

Client Sample ID: S - 2 (2 - 2.5)

Lab Sample ID: 890-7216-7

Date Collected: 10/07/24 09:30

Matrix: Solid

Date Received: 10/08/24 16:00

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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 15:32	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 2 (2 - 2.5)
Date Collected: 10/07/24 09:30
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-7
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			4.96 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:24	CH	EET MID

Client Sample ID: S - 2 (3 - 3.5)
Date Collected: 10/07/24 09:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-8
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			4.99 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 15:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 15:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:31	CH	EET MID

Client Sample ID: S - 2 (4 - 4.5)
Date Collected: 10/07/24 09:40
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-9
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			5.02 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 16:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 16:05	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:37	CH	EET MID

Client Sample ID: S - 3 (0 - .5)
Date Collected: 10/07/24 09:45
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-10
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			5.01 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 16:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 16:20	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92830	10/09/24 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92856	10/09/24 13:43	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 3 (1 - 1.5)
Date Collected: 10/07/24 09:50
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-11
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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 16:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 16:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 16:52	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:00	CH	EET MID

Client Sample ID: S - 3 (2 - 2.5)
Date Collected: 10/07/24 09:53
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 17:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:16	CH	EET MID

Client Sample ID: S - 3 (3 - 3.5)
Date Collected: 10/07/24 09:55
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-13
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			5.02 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 17:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 17:25	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:22	CH	EET MID

Client Sample ID: S - 3 (4 - 4.5)
Date Collected: 10/07/24 09:57
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-14
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			5.05 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:49	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 3 (4 - 4.5)
Date Collected: 10/07/24 09:57
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-14
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			92971	10/09/24 17:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 17:40	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:27	CH	EET MID

Client Sample ID: S - 4 (0 - .5)
Date Collected: 10/07/24 10:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-15
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			5.03 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 17:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 17:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:33	CH	EET MID

Client Sample ID: S - 4 (1 - 1.5)
Date Collected: 10/07/24 10:05
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-16
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			5.01 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 18:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:49	CH	EET MID

Client Sample ID: S - 4 (2 - 2.5)
Date Collected: 10/07/24 10:10
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-17
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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 18:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 18:26	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 4 (2 - 2.5)
Date Collected: 10/07/24 10:10
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-17
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			5.01 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 14:54	CH	EET MID

Client Sample ID: S - 4 (3 - 3.5)
Date Collected: 10/07/24 10:15
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-18
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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 18:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 18:41	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:00	CH	EET MID

Client Sample ID: S - 4 (4 - 4.5)
Date Collected: 10/07/24 10:20
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-19
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			5.02 g	5 mL	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 18:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 18:56	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:05	CH	EET MID

Client Sample ID: S - 5 (0 - .5)
Date Collected: 10/07/24 10:25
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-20
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	92847	10/09/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92825	10/09/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 19:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92818	10/09/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 19:11	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:10	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 6 (1 - 1.5)
Date Collected: 10/07/24 10:30
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 21:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 21:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:16	CH	EET MID

Client Sample ID: S - 6 (2 - 2.5)
Date Collected: 10/07/24 10:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 22:03	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:32	CH	EET MID

Client Sample ID: S - 6 (3 - 3.5)
Date Collected: 10/07/24 10:40
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 22:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:37	CH	EET MID

Client Sample ID: S - 6 (4 - 4.5)
Date Collected: 10/07/24 10:45
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-24
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			5.04 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:46	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 6 (4 - 4.5)
Date Collected: 10/07/24 10:45
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-24
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			92971	10/09/24 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 22:35	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:54	CH	EET MID

Client Sample ID: S - 7 (0 - .5)
Date Collected: 10/07/24 10:50
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 15:59	CH	EET MID

Client Sample ID: S - 7 (1 - 1.5)
Date Collected: 10/07/24 10:55
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-26
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			5.02 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 23:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 16:04	CH	EET MID

Client Sample ID: S - 7 (2 - 2.5)
Date Collected: 10/07/24 11:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 23:22	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 7 (2 - 2.5)
Date Collected: 10/07/24 11:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-27
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			5.03 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 16:10	CH	EET MID

Client Sample ID: S - 7 (3 - 3.5)
Date Collected: 10/07/24 11:05
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-28
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	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 15:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 23:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 16:15	CH	EET MID

Client Sample ID: S - 7 (4 - 4.5)
Date Collected: 10/07/24 11:10
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-29
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			5.02 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 15:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/09/24 23:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 16:20	CH	EET MID

Client Sample ID: S - 8 (0 - .5)
Date Collected: 10/07/24 11:15
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-30
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			5.01 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 00:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 00:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92832	10/09/24 08:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92872	10/09/24 16:26	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 8 (1 - 1.5)
Date Collected: 10/07/24 11:20
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-31
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			5.00 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 00:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 00:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 16:45	CH	EET MID

Client Sample ID: S - 8 (2 - 2.5)
Date Collected: 10/07/24 11:25
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-32
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			4.96 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 00:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 00:54	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:05	CH	EET MID

Client Sample ID: S - 8 (3 - 3.5)
Date Collected: 10/07/24 11:30
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-33
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			5.02 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 01:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 01:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:12	CH	EET MID

Client Sample ID: S - 8 (4 - 4.5)
Date Collected: 10/07/24 11:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-34
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			5.05 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:41	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 8 (4 - 4.5)
Date Collected: 10/07/24 11:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-34
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			92971	10/10/24 01:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 01:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:18	CH	EET MID

Client Sample ID: S - 9 (0 - 0.5)
Date Collected: 10/08/24 09:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-35
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			5.03 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 09:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 09:29	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:25	CH	EET MID

Client Sample ID: S - 9 (1 - 1.5)
Date Collected: 10/08/24 09:02
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-36
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			5.01 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 09:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 09:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:45	CH	EET MID

Client Sample ID: S - 9 (2 - 2.5)
Date Collected: 10/08/24 09:05
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-37
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			4.97 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 09:59	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 9 (2 - 2.5)
Date Collected: 10/08/24 09:05
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-37
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			4.95 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:52	CH	EET MID

Client Sample ID: S - 9 (3 - 3.5)
Date Collected: 10/08/24 09:07
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-38
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			4.95 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 20:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 10:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 10:14	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 17:58	CH	EET MID

Client Sample ID: S - 9 (4 - 4.5)
Date Collected: 10/08/24 09:10
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-39
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			5.02 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 10:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 18:05	CH	EET MID

Client Sample ID: S - 10 (0 - .5)
Date Collected: 10/08/24 09:12
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-40
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			5.05 g	5 mL	92848	10/09/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92827	10/09/24 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 20:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92819	10/09/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92881	10/10/24 10:45	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 18:12	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 10 (1 - 1.5)
Date Collected: 10/08/24 09:15
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-41
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			4.98 g	5 mL	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 21:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 21:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 18:18	CH	EET MID

Client Sample ID: S - 10 (2 - 2.5)
Date Collected: 10/08/24 09:17
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-42
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			5.02 g	5 mL	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 22:03	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 18:38	CH	EET MID

Client Sample ID: S - 10 (3 - 3.5)
Date Collected: 10/08/24 09:20
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-43
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			5.03 g	5 mL	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 12:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 18:45	CH	EET MID

Client Sample ID: S - 10 (4 - 4.5)
Date Collected: 10/08/24 09:22
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-44
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			5.04 g	5 mL	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:10	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 10 (4 - 4.5)
Date Collected: 10/08/24 09:22
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 22:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 19:05	CH	EET MID

Client Sample ID: S - 11 (0 - .5)
Date Collected: 10/08/24 09:24
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-45
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			4.98 g	5 mL	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 19:12	CH	EET MID

Client Sample ID: S - 11 (1 - 1.5)
Date Collected: 10/08/24 09:25
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-46
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 23:06	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 19:18	CH	EET MID

Client Sample ID: S - 11 (2 - 2.5)
Date Collected: 10/08/24 09:27
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-47
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 23:22	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 11 (2 - 2.5)
Date Collected: 10/08/24 09:27
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-47
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	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 19:25	CH	EET MID

Client Sample ID: S - 11 (3 - 3.5)
Date Collected: 10/08/24 09:29
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-48
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 23:37	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92875	10/09/24 19:32	CH	EET MID

Client Sample ID: S - 11 (4 - 4.5)
Date Collected: 10/08/24 09:30
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-49
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/09/24 23:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/09/24 23:53	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92875	10/09/24 19:38	CH	EET MID

Client Sample ID: S - 12 (0 - .5)
Date Collected: 10/08/24 09:32
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-50
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 00:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 00:08	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92833	10/09/24 08:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92875	10/09/24 19:45	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 12 (1 - 1.5)
Date Collected: 10/08/24 09:34
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-51
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 00:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 00:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 17:09	CH	EET MID

Client Sample ID: S - 12 (2 - 2.5)
Date Collected: 10/08/24 09:35
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-52
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 00:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 00:54	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 17:26	CH	EET MID

Client Sample ID: S - 12 (3 - 3.5)
Date Collected: 10/08/24 09:36
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-53
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 01:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 01:11	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 17:31	CH	EET MID

Client Sample ID: S - 12 (4 - 4.5)
Date Collected: 10/08/24 09:38
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-54
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:41	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S - 12 (4 - 4.5)
Date Collected: 10/08/24 09:38
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-54
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			92971	10/10/24 01:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 01:26	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 17:37	CH	EET MID

Client Sample ID: H - 1 (0 - .5)
Date Collected: 10/08/24 09:40
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-55
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 09:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 09:29	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 17:42	CH	EET MID

Client Sample ID: H - 2 (0 - .5)
Date Collected: 10/08/24 09:42
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-56
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 09:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 09:44	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 17:58	CH	EET MID

Client Sample ID: H - 3 (0 - .5)
Date Collected: 10/08/24 09:43
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-57
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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 09:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 09:59	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 3 (0 - .5)

Lab Sample ID: 890-7216-57

Date Collected: 10/08/24 09:43

Matrix: Solid

Date Received: 10/08/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:03	CH	EET MID

Client Sample ID: H - 4 (0 - .5)

Lab Sample ID: 890-7216-58

Date Collected: 10/08/24 09:45

Matrix: Solid

Date Received: 10/08/24 16:00

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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 19:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 10:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 10:14	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:09	CH	EET MID

Client Sample ID: H - 5 (0 - .5)

Lab Sample ID: 890-7216-59

Date Collected: 10/08/24 09:46

Matrix: Solid

Date Received: 10/08/24 16:00

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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 10:30	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:15	CH	EET MID

Client Sample ID: H - 6 (0 - .5)

Lab Sample ID: 890-7216-60

Date Collected: 10/08/24 09:47

Matrix: Solid

Date Received: 10/08/24 16:00

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	92849	10/09/24 09:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92828	10/09/24 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 10:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92820	10/09/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92883	10/10/24 10:45	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:20	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 7 (0 - .5)
Date Collected: 10/08/24 09:49
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-61
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 16:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 19:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 19:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:25	CH	EET MID

Client Sample ID: H - 8 (0 - .5)
Date Collected: 10/08/24 09:50
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-62
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 20:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 20:00	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:42	CH	EET MID

Client Sample ID: H - 9 (0 - .5)
Date Collected: 10/08/24 09:51
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-63
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 20:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 20:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 18:47	CH	EET MID

Client Sample ID: H - 10 (0 - .5)
Date Collected: 10/08/24 09:52
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-64
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 17:54	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 10 (0 - .5)
Date Collected: 10/08/24 09:52
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-64
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			92971	10/10/24 20:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 20:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 19:03	CH	EET MID

Client Sample ID: H - 11 (0 - .5)
Date Collected: 10/08/24 09:54
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-65
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 20:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 20:48	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 19:09	CH	EET MID

Client Sample ID: H - 12 (0 - .5)
Date Collected: 10/08/24 09:55
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-66
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 21:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 21:04	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 19:14	CH	EET MID

Client Sample ID: H - 13 (0 - .5)
Date Collected: 10/08/24 09:56
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-67
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 18:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 21:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 21:19	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: H - 13 (0 - .5)
Date Collected: 10/08/24 09:56
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 19:20	CH	EET MID

Client Sample ID: H - 14 (0 - .5)
Date Collected: 10/08/24 09:57
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 21:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 21:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 19:25	CH	EET MID

Client Sample ID: H - 15 (0 - .5)
Date Collected: 10/08/24 09:59
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-69
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	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 19:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 22:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 22:06	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92834	10/09/24 08:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92880	10/09/24 19:30	CH	EET MID

Client Sample ID: S-5 (1-1.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-70
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	92860	10/09/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92829	10/09/24 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 13:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 22:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 22:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92916	10/09/24 15:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92918	10/09/24 18:48	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S-5 (2-2.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-71
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	92860	10/09/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92829	10/09/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 22:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 22:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92916	10/09/24 15:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92918	10/09/24 18:55	CH	EET MID

Client Sample ID: S-5 (3-3.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-72
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	92860	10/09/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92829	10/09/24 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 14:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 22:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 22:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92916	10/09/24 15:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92918	10/09/24 19:14	CH	EET MID

Client Sample ID: S-5 (4-4.5')
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-73
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	92860	10/09/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92829	10/09/24 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			92971	10/10/24 23:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 23:10	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92916	10/09/24 15:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92918	10/09/24 19:20	CH	EET MID

Client Sample ID: S-6 (0-0.5)
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-74
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	92860	10/09/24 10:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92829	10/09/24 15:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92922	10/09/24 15:37	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Client Sample ID: S-6 (0-0.5)
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-74
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			92971	10/10/24 23:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 23:25	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92916	10/09/24 15:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92918	10/09/24 19:26	CH	EET MID

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7216-1	S - 1 (0 - .5)	Solid	10/07/24 09:00	10/08/24 16:00
890-7216-2	S - 1 (1 - 1.5)	Solid	10/07/24 09:05	10/08/24 16:00
890-7216-3	S - 1 (2 - 2.5)	Solid	10/07/24 09:10	10/08/24 16:00
890-7216-4	S - 1 (3 - 3.5)	Solid	10/07/24 09:15	10/08/24 16:00
890-7216-5	S - 2 (0 - .5)	Solid	10/07/24 09:20	10/08/24 16:00
890-7216-6	S - 2 (1 - 1.5)	Solid	10/07/24 09:25	10/08/24 16:00
890-7216-7	S - 2 (2 - 2.5)	Solid	10/07/24 09:30	10/08/24 16:00
890-7216-8	S - 2 (3 - 3.5)	Solid	10/07/24 09:35	10/08/24 16:00
890-7216-9	S - 2 (4 - 4.5)	Solid	10/07/24 09:40	10/08/24 16:00
890-7216-10	S - 3 (0 - .5)	Solid	10/07/24 09:45	10/08/24 16:00
890-7216-11	S - 3 (1 - 1.5)	Solid	10/07/24 09:50	10/08/24 16:00
890-7216-12	S - 3 (2 - 2.5)	Solid	10/07/24 09:53	10/08/24 16:00
890-7216-13	S - 3 (3 - 3.5)	Solid	10/07/24 09:55	10/08/24 16:00
890-7216-14	S - 3 (4 - 4.5)	Solid	10/07/24 09:57	10/08/24 16:00
890-7216-15	S - 4 (0 - .5)	Solid	10/07/24 10:00	10/08/24 16:00
890-7216-16	S - 4 (1 - 1.5)	Solid	10/07/24 10:05	10/08/24 16:00
890-7216-17	S - 4 (2 - 2.5)	Solid	10/07/24 10:10	10/08/24 16:00
890-7216-18	S - 4 (3 - 3.5)	Solid	10/07/24 10:15	10/08/24 16:00
890-7216-19	S - 4 (4 - 4.5)	Solid	10/07/24 10:20	10/08/24 16:00
890-7216-20	S - 5 (0 - .5)	Solid	10/07/24 10:25	10/08/24 16:00
890-7216-21	S - 6 (1 - 1.5)	Solid	10/07/24 10:30	10/08/24 16:00
890-7216-22	S - 6 (2 - 2.5)	Solid	10/07/24 10:35	10/08/24 16:00
890-7216-23	S - 6 (3 - 3.5)	Solid	10/07/24 10:40	10/08/24 16:00
890-7216-24	S - 6 (4 - 4.5)	Solid	10/07/24 10:45	10/08/24 16:00
890-7216-25	S - 7 (0 - .5)	Solid	10/07/24 10:50	10/08/24 16:00
890-7216-26	S - 7 (1 - 1.5)	Solid	10/07/24 10:55	10/08/24 16:00
890-7216-27	S - 7 (2 - 2.5)	Solid	10/07/24 11:00	10/08/24 16:00
890-7216-28	S - 7 (3 - 3.5)	Solid	10/07/24 11:05	10/08/24 16:00
890-7216-29	S - 7 (4 - 4.5)	Solid	10/07/24 11:10	10/08/24 16:00
890-7216-30	S - 8 (0 - .5)	Solid	10/07/24 11:15	10/08/24 16:00
890-7216-31	S - 8 (1 - 1.5)	Solid	10/07/24 11:20	10/08/24 16:00
890-7216-32	S - 8 (2 - 2.5)	Solid	10/07/24 11:25	10/08/24 16:00
890-7216-33	S - 8 (3 - 3.5)	Solid	10/07/24 11:30	10/08/24 16:00
890-7216-34	S - 8 (4 - 4.5)	Solid	10/07/24 11:35	10/08/24 16:00
890-7216-35	S - 9 (0 - 0.5)	Solid	10/08/24 09:00	10/08/24 16:00
890-7216-36	S - 9 (1 - 1.5)	Solid	10/08/24 09:02	10/08/24 16:00
890-7216-37	S - 9 (2 - 2.5)	Solid	10/08/24 09:05	10/08/24 16:00
890-7216-38	S - 9 (3 - 3.5)	Solid	10/08/24 09:07	10/08/24 16:00
890-7216-39	S - 9 (4 - 4.5)	Solid	10/08/24 09:10	10/08/24 16:00
890-7216-40	S - 10 (0 - .5)	Solid	10/08/24 09:12	10/08/24 16:00
890-7216-41	S - 10 (1 - 1.5)	Solid	10/08/24 09:15	10/08/24 16:00
890-7216-42	S - 10 (2 - 2.5)	Solid	10/08/24 09:17	10/08/24 16:00
890-7216-43	S - 10 (3 - 3.5)	Solid	10/08/24 09:20	10/08/24 16:00
890-7216-44	S - 10 (4 - 4.5)	Solid	10/08/24 09:22	10/08/24 16:00
890-7216-45	S - 11 (0 - .5)	Solid	10/08/24 09:24	10/08/24 16:00
890-7216-46	S - 11 (1 - 1.5)	Solid	10/08/24 09:25	10/08/24 16:00
890-7216-47	S - 11 (2 - 2.5)	Solid	10/08/24 09:27	10/08/24 16:00
890-7216-48	S - 11 (3 - 3.5)	Solid	10/08/24 09:29	10/08/24 16:00
890-7216-49	S - 11 (4 - 4.5)	Solid	10/08/24 09:30	10/08/24 16:00
890-7216-50	S - 12 (0 - .5)	Solid	10/08/24 09:32	10/08/24 16:00
890-7216-51	S - 12 (1 - 1.5)	Solid	10/08/24 09:34	10/08/24 16:00
890-7216-52	S - 12 (2 - 2.5)	Solid	10/08/24 09:35	10/08/24 16:00
890-7216-53	S - 12 (3 - 3.5)	Solid	10/08/24 09:36	10/08/24 16:00
890-7216-54	S - 12 (4 - 4.5)	Solid	10/08/24 09:38	10/08/24 16:00

Sample Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7216-55	H - 1 (0 - .5)	Solid	10/08/24 09:40	10/08/24 16:00
890-7216-56	H - 2 (0 - .5)	Solid	10/08/24 09:42	10/08/24 16:00
890-7216-57	H - 3 (0 - .5)	Solid	10/08/24 09:43	10/08/24 16:00
890-7216-58	H - 4 (0 - .5)	Solid	10/08/24 09:45	10/08/24 16:00
890-7216-59	H - 5 (0 - .5)	Solid	10/08/24 09:46	10/08/24 16:00
890-7216-60	H - 6 (0 - .5)	Solid	10/08/24 09:47	10/08/24 16:00
890-7216-61	H - 7 (0 - .5)	Solid	10/08/24 09:49	10/08/24 16:00
890-7216-62	H - 8 (0 - .5)	Solid	10/08/24 09:50	10/08/24 16:00
890-7216-63	H - 9 (0 - .5)	Solid	10/08/24 09:51	10/08/24 16:00
890-7216-64	H - 10 (0 - .5)	Solid	10/08/24 09:52	10/08/24 16:00
890-7216-65	H - 11 (0 - .5)	Solid	10/08/24 09:54	10/08/24 16:00
890-7216-66	H - 12 (0 - .5)	Solid	10/08/24 09:55	10/08/24 16:00
890-7216-67	H - 13 (0 - .5)	Solid	10/08/24 09:56	10/08/24 16:00
890-7216-68	H - 14 (0 - .5)	Solid	10/08/24 09:57	10/08/24 16:00
890-7216-69	H - 15 (0 - .5)	Solid	10/08/24 09:59	10/08/24 16:00
890-7216-70	S-5 (1-1.5')	Solid	10/08/24 00:00	10/08/24 16:00
890-7216-71	S-5 (2-2.5')	Solid	10/08/24 00:00	10/08/24 16:00
890-7216-72	S-5 (3-3.5')	Solid	10/08/24 00:00	10/08/24 16:00
890-7216-73	S-5 (4-4.5')	Solid	10/08/24 00:00	10/08/24 16:00
890-7216-74	S-6 (0-0.5)	Solid	10/08/24 00:00	10/08/24 16:00



Chain of Custody

Work Order No: _____

Page 1 of 7

Project Manager:	Gordon Banks	Bill to: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	261 682-7998	Email:	shelly.cowen@pilotwater.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level: I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Mars	Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number:	248762	☒ Routine	☐ Rush	Pres. Code												None: NO	DI Water: H ₂ O
Project Location:	Lea County	Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Thermometer ID: <i>74110007</i>	Parameters												890-7216 Chain of Custody	
Received Intact:	☒ Yes ☒ No	Correction Factor: <i>-0.2</i>	Temperature Reading: <i>-5.0</i>	BTX 8021B													
Cooler Custody Seals:	☒ Yes ☒ No	Temperature Reading: <i>-4.8</i>	Corrected Temperature: <i>-4.8</i>	TPH 8015M (GRO + DRO + MRO)													
Sample Custody Seals:	☒ Yes ☒ No			Chloride 4500 CL													
Total Containers:	69																
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments
S-1 (0-5)	10/7/2024	9:00:00	X		Grab/	1	X	X	X								
S-1 (1-1.5)	10/7/2024	9:05:00	X		Grab/	1	X	X	X								
S-1 (2-2.5)	10/7/2024	9:10:00	X		Grab/	1	X	X	X								
S-1 (3-3.5)	10/7/2024	9:15:00	X		Grab/	1	X	X	X								
S-2 (0-5)	10/7/2024	9:20:00	X		Grab/	1	X	X	X								
S-2 (1-1.5)	10/7/2024	9:25:00	X		Grab/	1	X	X	X								
S-2 (2-2.5)	10/7/2024	9:30:00	X		Grab/	1	X	X	X								
S-2 (3-3.5)	10/7/2024	9:35:00	X		Grab/	1	X	X	X								
S-2 (4-4.5)	10/7/2024	9:40:00	X		Grab/	1	X	X	X								
S-3 (0-5)	10/7/2024	9:45:00	X		Grab/	1	X	X	X								

Additional Comments:

Please acquire PO from Shelly Cowen

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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
<i>[Signature]</i>	<i>[Signature]</i>	10/8 16:00			



Chain of Custody

Work Order No: _____

Page 2 of 7

Project Manager:	Gordon Banks	Bill to: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP	Carlsbad, NM 88220	City, State ZIP:	
Phone:	281 682-7998	Email:	shelly.cowden@pilotwater.com

Project Name:		Mars	Turn Around	Press. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:		248762	☒ Routine ☐ Rush															None: NO	DI Water: H ₂ O	
Project Location:		Lea County	Due Date:															Cool: Cool	MeOH: Me	
Sample's Name:		Tyler Kimball	TAT starts the day received by the lab. If received by 4:30pm															HCL: HC	HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☒ No	Well Ice:	☒ Yes ☒ No													HOLD		
Received Inact:		Yes ☒ No ☒ N/A	Thermometer ID:																	
Cooler Custody Seals:		Yes ☒ No ☒ N/A	Correction Factor:																	
Sample Custody Seals:		Yes ☒ No ☒ N/A	Temperature Reading:																	
Total Containers:		69	Corrected Temperature:																	

Project Name:		Mars		Turn Around			ANALYSIS REQUEST												Preservative Codes		
Project Number:	248762	☒ Routine	☐ Rush	Pres. Code													None: NO	DI Water: H ₂ O			
Project Location:	Lea County	Due Date:															Cool: Cool	MeOH: Me			
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☒ No	Wet Ice:	☒ Yes ☒ No	Parameters												HOLD			
Received Intact:	☒ Yes ☒ No	Thermometer ID:				BTEX 8021B												NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes ☒ No ☒ N/A	Correction Factor:				TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes ☒ No ☒ N/A	Temperature Reading:				Chloride 4500 CL												Zn Acetate+NaOH: Zn			
Total Containers:	69	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
S-3 (1-1.5)		10/7/2024	9:50:00	X		Grab/	1	X	X	X											
S-3 (2-2.5)		10/7/2024	9:53:00	X		Grab/	1	X	X	X											
S-3 (3-3.5)		10/7/2024	9:55:00	X		Grab/	1	X	X	X											
S-3 (4-4.5)		10/7/2024	9:57:00	X		Grab/	1	X	X	X											
S-4 (0-5)		10/7/2024	10:00	X		Grab/	1	X	X	X											
S-4 (1-1.5)		10/7/2024	10:05	X		Grab/	1	X	X	X											
S-4 (2-2.5)		10/7/2024	10:10	X		Grab/	1	X	X	X											
S-4 (3-3.5)		10/7/2024	10:15	X		Grab/	1	X	X	X											
S-4 (4-4.5)		10/7/2024	10:20	X		Grab/	1	X	X	X											
S-5 (0-5)		10/7/2024	10:25	X		Grab/	1	X	X	X											

Additional Comments:

Please acquire PO from Shelly Cowen

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/18 16:00			



Chain of Custody

Work Order No: _____

Page 3 of 7

Project Manager:	Gordon Banks	Bill to: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	281 682-7998	Email:	shelly.cowden@pilotwater.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level: I ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Mars	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	248762	☒ Routine ☐ Rush															None: NO	DI Water: H ₂ O	
Project Location:	Lea County	Due Date:															Cool: Cool	MeOH: Me	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN	
PO #																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☒ No	Wet Ice:	☒ Yes ☒ No	Parameters												HOLD	
Received Intact:				Thermometer ID:		BTX 8021B												NaHSO ₄ : NABIS	
Cooler Custody Seals:				Correction Factor:		TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:				Temperature Reading:		Chloride 4500 CL												Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments	
S-6 (1-1.5)		10/7/2024	10:30	X		Grab/	1	X	X	X									
S-6 (2-2.5)		10/7/2024	10:35	X		Grab/	1	X	X	X									
S-6 (3-3.5)		10/7/2024	10:40	X		Grab/	1	X	X	X									
S-6 (4-4.5)		10/7/2024	10:45	X		Grab/	1	X	X	X									
S-7 (0-5)		10/7/2024	10:50	X		Grab/	1	X	X	X									
S-7 (1-1.5)		10/7/2024	10:55	X		Grab/	1	X	X	X									
S-7 (2-2.5)		10/7/2024	11:00	X		Grab/	1	X	X	X									
S-7 (3-3.5)		10/7/2024	11:05	X		Grab/	1	X	X	X									
S-7 (4-4.5)		10/7/2024	11:10	X		Grab/	1	X	X	X									
S-8 (0-5)		10/7/2024	11:15	X		Grab/	1	X	X	X									

Additional Comments:

Please acquire PO from Shelly Cowen

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/8 1600			



Chain of Custody

Work Order No: _____

Page 4 of 7

Project Manager:	Gordon Banks	Bill to: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	281 682-7998	Email:	shelly.cowden@pilotwater.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ brownfields ☐ RRC ☐ superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

[illegible][illegible]

Additional Comments:

Please acquire PO from Shelly Cowen

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10/18 1600			
2						
3						
4						
5						
6						



Chain of Custody

Work Order No: _____

Page 5 of 7

Project Manager:	Gordon Banks	Bill To: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	281 682-7998	Email:	shelly.cowden@pilotwater.com

Work Order Comments	
Program: UST/PST ☐ PRR ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:	Mars	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	248762	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O
Project Location:	Lea County	Due Date:														Cool: Cool	MeOH: Me
Sample's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No														H ₃ PO ₄ : HP	
Received Inact:	Yes ☒ No ☒ N/A	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☒ N/A	Correction Factor:														Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☒ N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:	69	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments
S-10 (1-1.5)	10/8/2024	9:15:00	X		Grab/	1	X	X	X								
S-10 (2-2.5)	10/8/2024	9:17:00	X		Grab/	1	X	X	X								
S-10 (3-3.5)	10/8/2024	9:20:00	X		Grab/	1	X	X	X								
S-10 (4-4.5)	10/8/2024	9:22:00	X		Grab/	1	X	X	X								
S-11 (0-.5)	10/8/2024	9:24:00	X		Grab/	1	X	X	X								
S-11 (1-1.5)	10/8/2024	9:25:00	X		Grab/	1	X	X	X								
S-11 (2-2.5)	10/8/2024	9:27:00	X		Grab/	1	X	X	X								
S-11 (3-3.5)	10/8/2024	9:29:00	X		Grab/	1	X	X	X								
S-11 (4-4.5)	10/8/2024	9:30:00	X		Grab/	1	X	X	X								
S-12 (0-.5)	10/8/2024	9:32:00	X		Grab/	1	X	X	X								

Additional Comments:

Please acquire PO from Shelly Cowen

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	10/8 16 ⁰⁰	3	4	
5			6		



Chain of Custody

Work Order No: _____

Page 6 of 7

Project Manager:	Gordon Banks	Bill To: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	281 682-7998	Email:	shelly.cowden@pilotwater.com

Work Order Comments			
Program: ☐ UST/ ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADAPT ☐ Other: _____			

Project Name:	Mars	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	248762	☒ Routine	☐ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County	Due Date:															Cool: Cool	MeOH: Me	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab. If received by 4:30pm															HCL: HC	HNO ₃ : HN	
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☐ No ☒													H ₃ PO ₄ : HP	
Received intact:	Yes ☒ No ☐	Thermometer ID:													NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes ☐ No ☒ N/A	Temperature Reading:													Zn Acetate+NaOH: Zn				
Total Containers:	69	Corrected Temperature:	-4.8												NaOH+Ascorbic Acid: S-APC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
S-12 (1-1.5)	10/8/2024	9:34:00	X		Grab/	1	BTEX 8021B												
S-12 (2-2.5)	10/8/2024	9:35:00	X		Grab/	1	TPH 8015M (GRO + DRO + MRO)												
S-12 (3-3.5)	10/8/2024	9:36:00	X		Grab/	1	Chloride 4500 CL												
S-12 (4-4.5)	10/8/2024	9:38:00	X		Grab/	1													
H-1 (0-5)	10/8/2024	9:40:00	X		Grab/	1													
H-2 (0-5)	10/8/2024	9:42:00	X		Grab/	1													
H-3 (0-5)	10/8/2024	9:43:00	X		Grab/	1													
H-4 (0-5)	10/8/2024	9:45:00	X		Grab/	1													
H-5 (0-5)	10/8/2024	9:46:00	X		Grab/	1													
H-6 (0-5)	10/8/2024	9:47:00	X		Grab/	1													

Additional Comments:

Please acquire PO from Shelly Cowen

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Work Order No: _____

Page 7 of 7

Project Manager:	Gordon Banks	Bill to: (if different)	Shelly Cowen
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	281 682-7998	Email:	shelly.cowden@pilotwater.com
Work Order Comments			
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADAPT ☐ Other: _____			

Project Name:	Mars	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	248762	☒ Routine ☐ Rush															None: NO	DI Water: H ₂ O			
Project Location:	Lea County	Due Date:															Cool: Cool	MeOH: Me			
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN			
PO #																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank: ☒ Yes ☐ No	Well Ice: ☒ Yes ☐ No	Parameters												HOLD					
Received In tact:	Yes	Thermometer ID:														H ₃ PO ₄ : HP					
Cooler Custody Seals:	Yes	Correction Factor:														NaHSO ₄ : NABIS					
Sample Custody Seals:	Yes	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃					
Total Containers:	69	Corrected Temperature:	-4.8													Zn Acetate+NaOH: Zn					
																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
H-7 (0-5)		10/8/2024	9:49:00	X		Grab/	1	X	X	X											
H-8 (0-5)		10/8/2024	9:50:00	X		Grab/	1	X	X	X											
H-9 (0-5)		10/8/2024	9:51:00	X		Grab/	1	X	X	X											
H-10 (0-5)		10/8/2024	9:52:00	X		Grab/	1	X	X	X											
H-11 (0-5)		10/8/2024	9:54:00	X		Grab/	1	X	X	X											
H-12 (0-5)		10/8/2024	9:55:00	X		Grab/	1	X	X	X											
H-13 (0-5)		10/8/2024	9:56:00	X		Grab/	1	X	X	X											
H-14 (0-5)		10/8/2024	9:57:00	X		Grab/	1	X	X	X											
H-15 (0-5)		10/8/2024	9:59:00	X		Grab/	1	X	X	X											

Additional Comments:

Please acquire PO from Shelly Cowen

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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		2			
3		4			
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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7216-1
SDG Number: 248762

Login Number: 7216
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7216-1
SDG Number: 248762

Login Number: 7216
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 10/09/24 08:14 AM

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 10/31/2024 12:42:48 PM

JOB DESCRIPTION

MARS
248762

JOB NUMBER

890-7315-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



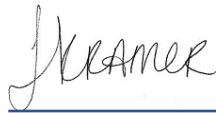
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
10/31/2024 12:42:48 PM

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

Client: NT Global
Project/Site: MARS

Laboratory Job ID: 890-7315-1
SDG: 248762

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Definitions/Glossary

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: NT Global
Project: MARS

Job ID: 890-7315-1

Job ID: 890-7315-1

Eurofins Carlsbad

Job Narrative 890-7315-1

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

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

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

Receipt

The samples were received on 10/28/2024 3:54 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 -5.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S - 5 (5' - 5.5') (890-7315-1), S - 5 (6' - 6.5') (890-7315-2), S - 5 (7' - 7.5') (890-7315-3), S - 11 (5' - 5.5') (890-7315-4), S - 13 (3' - 3.5') (890-7315-5) and S - 14 (4' - 4.5') (890-7315-6).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94304 and analytical batch 880-94326 was outside the upper control limits.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 5 (5' - 5.5')

Lab Sample ID: 890-7315-1

Date Collected: 10/28/24 09:00

Matrix: Solid

Date Received: 10/28/24 15:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 11:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 11:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 11:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/29/24 08:37	10/29/24 11:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 11:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/29/24 08:37	10/29/24 11:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/29/24 08:37	10/29/24 11:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/29/24 08:37	10/29/24 11:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/29/24 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/29/24 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/29/24 08:26	10/29/24 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/29/24 08:26	10/29/24 20:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/29/24 08:26	10/29/24 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/29/24 08:26	10/29/24 20:26	1
o-Terphenyl	102		70 - 130				10/29/24 08:26	10/29/24 20:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		9.90		mg/Kg			10/29/24 18:15	1

Client Sample ID: S - 5 (6' - 6.5')

Lab Sample ID: 890-7315-2

Date Collected: 10/28/24 09:05

Matrix: Solid

Date Received: 10/28/24 15:54

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		10/29/24 08:37	10/29/24 11:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/29/24 08:37	10/29/24 11:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/29/24 08:37	10/29/24 11:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/29/24 08:37	10/29/24 11:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/29/24 08:37	10/29/24 11:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/29/24 08:37	10/29/24 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/29/24 08:37	10/29/24 11:57	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/29/24 08:37	10/29/24 11:57	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 5 (6' - 6.5')

Lab Sample ID: 890-7315-2

Date Collected: 10/28/24 09:05

Matrix: Solid

Date Received: 10/28/24 15:54

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			10/29/24 11:57	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			10/29/24 21:15	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		10/29/24 08:26	10/29/24 21:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/29/24 08:26	10/29/24 21:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/29/24 08:26	10/29/24 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/29/24 08:26	10/29/24 21:15	1
o-Terphenyl	91		70 - 130				10/29/24 08:26	10/29/24 21:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		10.1		mg/Kg			10/29/24 18:30	1

Client Sample ID: S - 5 (7' - 7.5')

Lab Sample ID: 890-7315-3

Date Collected: 10/28/24 09:10

Matrix: Solid

Date Received: 10/28/24 15:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 12:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 12:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 12:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/29/24 08:37	10/29/24 12:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/29/24 08:37	10/29/24 12:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/29/24 08:37	10/29/24 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				10/29/24 08:37	10/29/24 12:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/29/24 08:37	10/29/24 12:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/29/24 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/29/24 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/29/24 08:26	10/29/24 21:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/29/24 08:26	10/29/24 21:31	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 5 (7' - 7.5')

Lab Sample ID: 890-7315-3

Date Collected: 10/28/24 09:10

Matrix: Solid

Date Received: 10/28/24 15:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/29/24 08:26	10/29/24 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				10/29/24 08:26	10/29/24 21:31	1
o-Terphenyl	104		70 - 130				10/29/24 08:26	10/29/24 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.5		10.1		mg/Kg			10/29/24 18:34	1

Client Sample ID: S - 11 (5' - 5.5')

Lab Sample ID: 890-7315-4

Date Collected: 10/28/24 09:15

Matrix: Solid

Date Received: 10/28/24 15:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 12:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 12:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 12:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/29/24 08:37	10/29/24 12:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 12:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/29/24 08:37	10/29/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				10/29/24 08:37	10/29/24 12:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/29/24 08:37	10/29/24 12:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/29/24 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/29/24 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/29/24 08:26	10/29/24 21:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/29/24 08:26	10/29/24 21:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/29/24 08:26	10/29/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				10/29/24 08:26	10/29/24 21:48	1
o-Terphenyl	105		70 - 130				10/29/24 08:26	10/29/24 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		49.7		mg/Kg			10/29/24 18:49	5

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 13 (3' - 3.5')

Lab Sample ID: 890-7315-5

Date Collected: 10/28/24 09:20

Matrix: Solid

Date Received: 10/28/24 15:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/29/24 08:37	10/29/24 12:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/29/24 08:37	10/29/24 12:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/29/24 08:37	10/29/24 12:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/29/24 08:37	10/29/24 12:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/29/24 08:37	10/29/24 12:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/29/24 08:37	10/29/24 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/29/24 08:37	10/29/24 12:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/29/24 08:37	10/29/24 12:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/29/24 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/29/24 22:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/29/24 08:26	10/29/24 22:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/29/24 08:26	10/29/24 22:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/29/24 08:26	10/29/24 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	10/29/24 08:26	10/29/24 22:04	1
o-Terphenyl	96		70 - 130	10/29/24 08:26	10/29/24 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.9		9.98		mg/Kg			10/29/24 18:54	1

Client Sample ID: S - 14 (4' - 4.5')

Lab Sample ID: 890-7315-6

Date Collected: 10/28/24 09:25

Matrix: Solid

Date Received: 10/28/24 15:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/29/24 08:37	10/29/24 13:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/29/24 08:37	10/29/24 13:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/29/24 08:37	10/29/24 13:19	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/29/24 08:37	10/29/24 13:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/29/24 08:37	10/29/24 13:19	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/29/24 08:37	10/29/24 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/29/24 08:37	10/29/24 13:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/29/24 08:37	10/29/24 13:19	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 14 (4' - 4.5')
Date Collected: 10/28/24 09:25
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/29/24 13:19	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			10/29/24 22:22	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/29/24 08:26	10/29/24 22:22	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/29/24 08:26	10/29/24 22:22	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/29/24 08:26	10/29/24 22:22	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	110		70 - 130				10/29/24 08:26	10/29/24 22:22	1	
o-Terphenyl	102		70 - 130				10/29/24 08:26	10/29/24 22:22	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	39.9		9.98		mg/Kg			10/29/24 18:58	1	

Surrogate Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

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)
890-7315-1	S - 5 (5' - 5.5')	112	96
890-7315-1 MS	S - 5 (5' - 5.5')	109	100
890-7315-1 MSD	S - 5 (5' - 5.5')	102	102
890-7315-2	S - 5 (6' - 6.5')	113	96
890-7315-3	S - 5 (7' - 7.5')	117	95
890-7315-4	S - 11 (5' - 5.5')	117	96
890-7315-5	S - 13 (3' - 3.5')	114	95
890-7315-6	S - 14 (4' - 4.5')	121	95
LCS 880-94305/1-A	Lab Control Sample	104	104
LCSD 880-94305/2-A	Lab Control Sample Dup	104	99
MB 880-94305/5-A	Method Blank	113	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7315-1	S - 5 (5' - 5.5')	108	102
890-7315-1 MS	S - 5 (5' - 5.5')	101	102
890-7315-1 MSD	S - 5 (5' - 5.5')	102	103
890-7315-2	S - 5 (6' - 6.5')	97	91
890-7315-3	S - 5 (7' - 7.5')	112	104
890-7315-4	S - 11 (5' - 5.5')	112	105
890-7315-5	S - 13 (3' - 3.5')	102	96
890-7315-6	S - 14 (4' - 4.5')	110	102
LCS 880-94304/2-A	Lab Control Sample	121	124
LCSD 880-94304/3-A	Lab Control Sample Dup	128	130
MB 880-94304/1-A	Method Blank	146 S1+	139 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94305/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 94298							Prep Batch: 94305		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/29/24 08:37	10/29/24 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/29/24 08:37	10/29/24 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/29/24 08:37	10/29/24 11:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/29/24 08:37	10/29/24 11:15	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/29/24 08:37	10/29/24 11:15	1

Lab Sample ID: LCS 880-94305/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 94298							Prep Batch: 94305		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1072		mg/Kg		107	70 - 130	
Toluene		0.100	0.1091		mg/Kg		109	70 - 130	
Ethylbenzene		0.100	0.1077		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene		0.200	0.2123		mg/Kg		106	70 - 130	
o-Xylene		0.100	0.1068		mg/Kg		107	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-94305/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 94298							Prep Batch: 94305			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1046		mg/Kg		105	70 - 130	2	35
Toluene		0.100	0.1047		mg/Kg		105	70 - 130	4	35
Ethylbenzene		0.100	0.1028		mg/Kg		103	70 - 130	5	35
m-Xylene & p-Xylene		0.200	0.2007		mg/Kg		100	70 - 130	6	35
o-Xylene		0.100	0.1013		mg/Kg		101	70 - 130	5	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: 890-7315-1 MS							Client Sample ID: S - 5 (5' - 5.5')		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 94298							Prep Batch: 94305		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1050		mg/Kg		105	70 - 130
Toluene	<0.00201	U	0.100	0.1064		mg/Kg		106	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

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

Lab Sample ID: 890-7315-1 MS
Matrix: Solid
Analysis Batch: 94298

Client Sample ID: S - 5 (5' - 5.5')
Prep Type: Total/NA
Prep Batch: 94305

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1045		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2039		mg/Kg		102	70 - 130
o-Xylene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 890-7315-1 MSD
Matrix: Solid
Analysis Batch: 94298

Client Sample ID: S - 5 (5' - 5.5')
Prep Type: Total/NA
Prep Batch: 94305

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1023		mg/Kg		102	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.1031		mg/Kg		103	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.1013		mg/Kg		101	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1973		mg/Kg		99	70 - 130	3	35
o-Xylene	<0.00201	U	0.100	0.09943		mg/Kg		99	70 - 130	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

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

Lab Sample ID: MB 880-94304/1-A
Matrix: Solid
Analysis Batch: 94326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94304

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		10/29/24 08:24	10/29/24 19:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/29/24 08:24	10/29/24 19:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/29/24 08:24	10/29/24 19:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	146	S1+	70 - 130						
o-Terphenyl	139	S1+	70 - 130						

Lab Sample ID: LCS 880-94304/2-A
Matrix: Solid
Analysis Batch: 94326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	818.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	731.9		mg/Kg		73	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

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

Lab Sample ID: LCS 880-94304/2-A
Matrix: Solid
Analysis Batch: 94326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94304

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: LCSD 880-94304/3-A
Matrix: Solid
Analysis Batch: 94326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94304

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	873.1		mg/Kg		87	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	788.0		mg/Kg		79	70 - 130	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 890-7315-1 MS
Matrix: Solid
Analysis Batch: 94326

Client Sample ID: S - 5 (5' - 5.5')
Prep Type: Total/NA
Prep Batch: 94304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	885.4		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	850.1		mg/Kg		85	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-7315-1 MSD
Matrix: Solid
Analysis Batch: 94326

Client Sample ID: S - 5 (5' - 5.5')
Prep Type: Total/NA
Prep Batch: 94304

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	999	902.4		mg/Kg		90	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	850.4		mg/Kg		85	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	103		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94316/1-A Matrix: Solid Analysis Batch: 94341										Client Sample ID: Method Blank Prep Type: Soluble	
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<10.0	U	10.0		mg/Kg			10/29/24 16:54	1		

Lab Sample ID: LCS 880-94316/2-A Matrix: Solid Analysis Batch: 94341										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	226.5		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-94316/3-A Matrix: Solid Analysis Batch: 94341										Client Sample ID: Lab Control Sample Dup Prep Type: Soluble	
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.6		mg/Kg		98	90 - 110	8	20

Lab Sample ID: 890-7315-1 MS Matrix: Solid Analysis Batch: 94341										Client Sample ID: S - 5 (5' - 5.5') Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	383		248	622.4		mg/Kg		97	90 - 110		

Lab Sample ID: 890-7315-1 MSD Matrix: Solid Analysis Batch: 94341										Client Sample ID: S - 5 (5' - 5.5') Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	383		248	612.8		mg/Kg		93	90 - 110	2	20

QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

GC VOA

Analysis Batch: 94298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Total/NA	Solid	8021B	94305
890-7315-2	S - 5 (6' - 6.5')	Total/NA	Solid	8021B	94305
890-7315-3	S - 5 (7' - 7.5')	Total/NA	Solid	8021B	94305
890-7315-4	S - 11 (5' - 5.5')	Total/NA	Solid	8021B	94305
890-7315-5	S - 13 (3' - 3.5')	Total/NA	Solid	8021B	94305
890-7315-6	S - 14 (4' - 4.5')	Total/NA	Solid	8021B	94305
MB 880-94305/5-A	Method Blank	Total/NA	Solid	8021B	94305
LCS 880-94305/1-A	Lab Control Sample	Total/NA	Solid	8021B	94305
LCSD 880-94305/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94305
890-7315-1 MS	S - 5 (5' - 5.5')	Total/NA	Solid	8021B	94305
890-7315-1 MSD	S - 5 (5' - 5.5')	Total/NA	Solid	8021B	94305

Prep Batch: 94305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Total/NA	Solid	5035	
890-7315-2	S - 5 (6' - 6.5')	Total/NA	Solid	5035	
890-7315-3	S - 5 (7' - 7.5')	Total/NA	Solid	5035	
890-7315-4	S - 11 (5' - 5.5')	Total/NA	Solid	5035	
890-7315-5	S - 13 (3' - 3.5')	Total/NA	Solid	5035	
890-7315-6	S - 14 (4' - 4.5')	Total/NA	Solid	5035	
MB 880-94305/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94305/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94305/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7315-1 MS	S - 5 (5' - 5.5')	Total/NA	Solid	5035	
890-7315-1 MSD	S - 5 (5' - 5.5')	Total/NA	Solid	5035	

Analysis Batch: 94382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Total/NA	Solid	Total BTEX	
890-7315-2	S - 5 (6' - 6.5')	Total/NA	Solid	Total BTEX	
890-7315-3	S - 5 (7' - 7.5')	Total/NA	Solid	Total BTEX	
890-7315-4	S - 11 (5' - 5.5')	Total/NA	Solid	Total BTEX	
890-7315-5	S - 13 (3' - 3.5')	Total/NA	Solid	Total BTEX	
890-7315-6	S - 14 (4' - 4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 94304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Total/NA	Solid	8015NM Prep	
890-7315-2	S - 5 (6' - 6.5')	Total/NA	Solid	8015NM Prep	
890-7315-3	S - 5 (7' - 7.5')	Total/NA	Solid	8015NM Prep	
890-7315-4	S - 11 (5' - 5.5')	Total/NA	Solid	8015NM Prep	
890-7315-5	S - 13 (3' - 3.5')	Total/NA	Solid	8015NM Prep	
890-7315-6	S - 14 (4' - 4.5')	Total/NA	Solid	8015NM Prep	
MB 880-94304/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94304/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94304/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7315-1 MS	S - 5 (5' - 5.5')	Total/NA	Solid	8015NM Prep	
890-7315-1 MSD	S - 5 (5' - 5.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

GC Semi VOA

Analysis Batch: 94326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Total/NA	Solid	8015B NM	94304
890-7315-2	S - 5 (6' - 6.5')	Total/NA	Solid	8015B NM	94304
890-7315-3	S - 5 (7' - 7.5')	Total/NA	Solid	8015B NM	94304
890-7315-4	S - 11 (5' - 5.5')	Total/NA	Solid	8015B NM	94304
890-7315-5	S - 13 (3' - 3.5')	Total/NA	Solid	8015B NM	94304
890-7315-6	S - 14 (4' - 4.5')	Total/NA	Solid	8015B NM	94304
MB 880-94304/1-A	Method Blank	Total/NA	Solid	8015B NM	94304
LCS 880-94304/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94304
LCSD 880-94304/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94304
890-7315-1 MS	S - 5 (5' - 5.5')	Total/NA	Solid	8015B NM	94304
890-7315-1 MSD	S - 5 (5' - 5.5')	Total/NA	Solid	8015B NM	94304

Analysis Batch: 94422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Total/NA	Solid	8015 NM	
890-7315-2	S - 5 (6' - 6.5')	Total/NA	Solid	8015 NM	
890-7315-3	S - 5 (7' - 7.5')	Total/NA	Solid	8015 NM	
890-7315-4	S - 11 (5' - 5.5')	Total/NA	Solid	8015 NM	
890-7315-5	S - 13 (3' - 3.5')	Total/NA	Solid	8015 NM	
890-7315-6	S - 14 (4' - 4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 94316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Soluble	Solid	DI Leach	
890-7315-2	S - 5 (6' - 6.5')	Soluble	Solid	DI Leach	
890-7315-3	S - 5 (7' - 7.5')	Soluble	Solid	DI Leach	
890-7315-4	S - 11 (5' - 5.5')	Soluble	Solid	DI Leach	
890-7315-5	S - 13 (3' - 3.5')	Soluble	Solid	DI Leach	
890-7315-6	S - 14 (4' - 4.5')	Soluble	Solid	DI Leach	
MB 880-94316/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94316/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94316/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7315-1 MS	S - 5 (5' - 5.5')	Soluble	Solid	DI Leach	
890-7315-1 MSD	S - 5 (5' - 5.5')	Soluble	Solid	DI Leach	

Analysis Batch: 94341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7315-1	S - 5 (5' - 5.5')	Soluble	Solid	300.0	94316
890-7315-2	S - 5 (6' - 6.5')	Soluble	Solid	300.0	94316
890-7315-3	S - 5 (7' - 7.5')	Soluble	Solid	300.0	94316
890-7315-4	S - 11 (5' - 5.5')	Soluble	Solid	300.0	94316
890-7315-5	S - 13 (3' - 3.5')	Soluble	Solid	300.0	94316
890-7315-6	S - 14 (4' - 4.5')	Soluble	Solid	300.0	94316
MB 880-94316/1-A	Method Blank	Soluble	Solid	300.0	94316
LCS 880-94316/2-A	Lab Control Sample	Soluble	Solid	300.0	94316
LCSD 880-94316/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94316
890-7315-1 MS	S - 5 (5' - 5.5')	Soluble	Solid	300.0	94316
890-7315-1 MSD	S - 5 (5' - 5.5')	Soluble	Solid	300.0	94316

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 5 (5' - 5.5')
Date Collected: 10/28/24 09:00
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	94305	10/29/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94298	10/29/24 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94382	10/29/24 11:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			94422	10/29/24 20:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94304	10/29/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94326	10/29/24 20:26	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94316	10/29/24 09:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94341	10/29/24 18:15	SMC	EET MID

Client Sample ID: S - 5 (6' - 6.5')
Date Collected: 10/28/24 09:05
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	94305	10/29/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94298	10/29/24 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94382	10/29/24 11:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			94422	10/29/24 21:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94304	10/29/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94326	10/29/24 21:15	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94316	10/29/24 09:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94341	10/29/24 18:30	SMC	EET MID

Client Sample ID: S - 5 (7' - 7.5')
Date Collected: 10/28/24 09:10
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-3
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			4.98 g	5 mL	94305	10/29/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94298	10/29/24 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94382	10/29/24 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			94422	10/29/24 21:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94304	10/29/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94326	10/29/24 21:31	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94316	10/29/24 09:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94341	10/29/24 18:34	SMC	EET MID

Client Sample ID: S - 11 (5' - 5.5')
Date Collected: 10/28/24 09:15
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94305	10/29/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94298	10/29/24 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94382	10/29/24 12:38	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Client Sample ID: S - 11 (5' - 5.5')
Date Collected: 10/28/24 09:15
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-4
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			94422	10/29/24 21:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94304	10/29/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94326	10/29/24 21:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94316	10/29/24 09:34	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	94341	10/29/24 18:49	SMC	EET MID

Client Sample ID: S - 13 (3' - 3.5')
Date Collected: 10/28/24 09:20
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-5
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			5.03 g	5 mL	94305	10/29/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94298	10/29/24 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94382	10/29/24 12:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			94422	10/29/24 22:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94304	10/29/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94326	10/29/24 22:04	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94316	10/29/24 09:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94341	10/29/24 18:54	SMC	EET MID

Client Sample ID: S - 14 (4' - 4.5')
Date Collected: 10/28/24 09:25
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-6
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			4.95 g	5 mL	94305	10/29/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94298	10/29/24 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94382	10/29/24 13:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			94422	10/29/24 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94304	10/29/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94326	10/29/24 22:22	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94316	10/29/24 09:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94341	10/29/24 18:58	SMC	EET MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

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: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7315-1	S - 5 (5' - 5.5')	Solid	10/28/24 09:00	10/28/24 15:54
890-7315-2	S - 5 (6' - 6.5')	Solid	10/28/24 09:05	10/28/24 15:54
890-7315-3	S - 5 (7' - 7.5')	Solid	10/28/24 09:10	10/28/24 15:54
890-7315-4	S - 11 (5' - 5.5')	Solid	10/28/24 09:15	10/28/24 15:54
890-7315-5	S - 13 (3' - 3.5')	Solid	10/28/24 09:20	10/28/24 15:54
890-7315-6	S - 14 (4' - 4.5')	Solid	10/28/24 09:25	10/28/24 15:54

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



Chain of Custody

Work Order No.: _____

Page 1 of 1[illegible]

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7315-1

SDG Number: 248762

Login Number: 7315
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7315-1
SDG Number: 248762

Login Number: 7315
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 10/29/24 08:10 AM

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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QUESTIONS

Action 417360

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417360
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2213737452
Incident Name	NAPP2213737452 MARS @ 30-025-27684
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-27684] TOPHAT AJQ STATE #001

Location of Release Source

Please answer all the questions in this group.

Site Name	Mars
Date Release Discovered	05/12/2022
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 Injection Header Produced Water Released: 300 BBL Recovered: 240 BBL Lost: 60 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 417360

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417360
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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: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 05/31/2024
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QUESTIONS, Page 3

Action 417360

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417360
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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 ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (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	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2120
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/03/2025
On what date will (or did) the final sampling or liner inspection occur	05/05/2025
On what date will (or was) the remediation complete(d)	05/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	7593
What is the estimated volume (in cubic yards) that will be remediated	2129
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 417360

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417360
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 01/06/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 417360

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417360
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 417360

QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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	No

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CONDITIONS

Action 417360

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417360
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Site Characterization and Remediation Plan approved as proposed.	1/8/2025